

U.S. Department of Transportation

**ISSUE: 98-19** 

Federal Aviation Administration





**GENERAL AVIATION, ZAC-327** 

You can improve Air Safety by reporting the problem when you see it!

### **SECTION**

Service Difficulty Reporting

- I Significant Occurence Report
- **II Domestic Service Difficulty Report**
- III International Service Difficulty Report
- IV SDR Totals by District Office
- V Index By Aircraft Make and Model
- VI Joint Aircraft System/Component Code Table



# **SDR SUMMARY**

General Aviation, ZAC-327



This summary includes domestic (United States) Service Difficulty Reports (SDRs) entered into the data base for aircraft weighing 12,500 lbs. and below. It also includes reports on aeronautical products (engines, propellers, and components), and all helicopters. A separate section for International SDRs for aircraft weighing 12,500 lbs. and under has also been included. Under a data exchange agreement, International SDRs are submitted to the FAA by the Civil Aviation Authority of other countries (currently, Canada - CAN, and Australia - AUS). All reports are sorted by aircraft make, model group (basic model), and Joint Aircraft System/Component (JASC) code. Within each aircraft model group, the specific model shown may vary, but similar types of reports will be grouped together and listed in ascending order by their JASC code. Each field contains all information submitted to the FAA. Some fields are not included in order to make the summary easier to read. Additional information may be obtained by referring to the "operator control number." Send your request to the Aviation Data Systems Branch, AFS-620 at the address or phone below.

The Regulatory Support Division (AFS-600) has established a "HomePage" on the Internet through which the same information is available. There is a large quantity of other information available through the AFS-600 HomePage such as the most current SDR system codes (i.e., Joint Aircraft System\Component Codes). The SDR Question and Answer Section of the Summary will also be transferred to the AFS-600 HomePage to simplify the process of preparing the SDR Summaries in the PDF format each week. There are "hot buttons" to take you to other locations and sites where FAA Flight Standards Service Information is available. The AFS-600 "HomePage" address is:

## http://www.mmac.jccbi.gov/afs/afs600

"The Service Difficulty Reports in this publication are derived from unverified information submitted by the aviation community without FAA verification for accuracy. The number of SDRs submitted is not an indication of the mechanical reliability or fitness of an airline or individual operator, and the information should not be used as such."

Comments are welcomed and may be directed to:

Federal Aviation Administration Aviation Data Systems Branch, AFS-620 P.O. Box 25082 Oklahoma City, OK 73125-5029

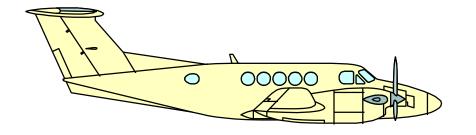
Phone: (405) 954-4171, Fax: (405) 954-4748

Your continued participation is essential and is an integral part of ensuring aviation safety. Thank you for supporting the Service Difficulty Program! If you have any questions regarding this special notice you can contact John Jackson at (405) 954-6486, or Jim Gillespie at (405) 954-1141, or Blake McDonald at (405) 954-0307 in the Aviation Systems Branch (AFS-620). Their E-mail addresses are:

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blake\_mcdonald@mmacmail.jccbi.gov



# SIGNIFICANT OCCURRENCE REPORT





### THE SIGNIFICANT OCCURRENCE REPORT



The Significant Occurrence Report is a compilation all of the star bordered reports that appear in the General Aviation Service Difficulty Report (SDR) Summary, ZAC-327. The Significant Occurrence Report is used to highlight industry problem areas to field inspectors and the aviation public.

Limited analysis is performed by the Aviation Data Systems Branch, AFS-620 during the preparation of the "Significant Occurrence Report", which is generated each week and is included in the front of the Air Carrier SDR Summary. Significant Reports are hand selected by AFS-620's inspectors based on the individual merit of each report. The criteria for selection includes, but is not limited to, items that indicate high failure rates; items related to accidents or incidents; or design or maintenance failures which may affect the safe operation of the aircraft.

In some cases, this limited analysis of SDR data leads to the preparation of information bulletins which are routed to the appropriate product certification office for further investigation of the problem. The end result may be the issuance of an airworthiness directive (AD) by the Aircraft Certification Service (AIR) if warranted.

The Significant Occurrence Report (section I) of the weekly SDR Summary is not intended to be a summary of all significant events and should not be used as such. We recommend that you review further the applicable sections of the SDR summary that may be of interest.

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6220	911RX	AGUSTA				DAMPER	WORN	512	6/30/94
	10017	A109K2				1090101063	M/R		94ZZZX4572
****	DURING 600-HOU	R INSPECTION, DAMPE	R ROD END FOUND T	TO HAVE PLAY, NO P	LAY ALLOWED. A	REPLACEMENT DAMPER	WAS INSTALLED.		
7414	247RJ	AMTRMO	AMTRVW			DRIVE COUPLING	FAILED		4/17/98
	999	SONERAI2	VW2200VOLKS				ENGINE MAGNETO		98ZZZX1697
****	THE BROKEN PIECENGINE DURING EVIDENCE OF PRI	CES OF THE COUPLING CRUISE AND ULTIMAT	TO THE STATIONAR ELY THE ACCIDENT OSSIBLY CASTING FI	Y CROSS MEMBER F WHICH DESTROYED AWS. SUBMITTER F	ENGINE MOUNT. TH THE AIRCRAFT AN	IIS FAILURE OF THE MAG D INJURED THE PILOT. T	SULTANT FRICTION MEL: NETO COUPLING RESULTI HE COUPLING BROKE AT LING BE MILLED FROM A	ED IN THE FA	AILURE OF THE YS AND SHOWED
3418	163SP	BEECH				LIFT DETECTOR	SHORTED	219	11/21/97
RT2R	TE872	E55				1513	SWITCH		97ZZZX5114
****	SILENCED HORN TO REMOVE MOIS	WITH CIRCUIT BREAK	ER AND ADVISED MA ECKS WERE NORMAL	AINTENANCE. LIFT I	DETECTOR WAS FO	UND SHORTED INTERNAL	HE STALL WARNING HORI LY. AFTER EXTERNAL HI NTALLY SEALED MICROS	EATING OF T	HE LIFT DETECTOR
2730	6645K	BEECH				TORQUE TUBE	CRACKED		2/26/98
EHHR	U209	C99				115610010325	ELEVATOR		98ZZZX1634
****		UE TUBE ASSY, P/N 115 ORT ASSY, P/N 1156100			URRING) DATED AF	RIL, 1986. AIRCRAFT HIS	FORY INDICATES NUMERO	OUS REPLAC	EMENTS DUE TO
2730	6656N	BEECH				SUPPORT	CRACKED	702	2/26/98
EHHR	U213	C99			115610010325	1156100181	ELEV TORQ TUBE		98ZZZX1635
****		UE TUBE SUPPORT IS I ORT ASSY, P/N 1156101	,.		G PER SB 2145, DATI	ED APRIL, 1986. AIRCRAF	Γ HISTORY INDICATES NU	MEROUS RE	PLACEMENTS DUE TO
7261	108W	BELL	ALLSN			TUBE	CHAFED	2100	3/12/98
	52034	206L4	250C30P			23058110A	SCAVENGE OIL		98ZZZX1701
****	THIS IS SCAVENG AND OIL LINE AN	E OIL LINE FROM BOT	TOM OF COMPRESSO OIL LINE TO THE PO	OR TO THE N1 SIDE O INT OF FAILURE. TH	F GEARBOX. ABRA E NEED EXISTS FOR	SIVE DUST AND AIRBORN CCLAMPING DEVICES TH	NGINE, SEVERE CHAFING I NE DIRT CREEPS IN BETWE AT WOULD ELIMINATE TH	EN HARD RU	JBBER ADEL CLAMP
2810	3799S	CESSNA				TANK	BROKEN WELD	5033	4/22/98
	17250999	172E				05260074	BAFFLE		98ZZZX1651
****	FOUND BROKEN	WELDS ON INTERNAL	RIB OR BAFFLE. CAU	JSE WAS FUEL MOVI	EMENT IN TANK, AN		SLIDING AROUND IN FUEI ED ON ONE SIDE OF RIB. IF S IN TANK.		
3211	6360D	CESSNA				BOLT	FAILED	9401	3/19/98
VT3R	17272746	172N				S21381	LT MLG MOUNT		98ZZZX1669
****	COLLAPSED AFT	CAUSING DAMAGE TO	LT MLG FAIRINGS, I	FUSELAGE, AND LT S	STABILIZER/ELEVA	TORS. INSPECTION SHOW	NTACTING UNEVEN TERR ED THE P/N S2138-1 BOLT BMITTER RECOMMENDED	HAD BROKE	N INSIDE STRUT

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
3252	5331V	CESSNA				BARREL	FAILED		11/1/97
	172RG0506	172RG				14421121	SHIMMY DAMPENER		97ZZZX5129
****							ION. AN INSPECTION REVE NG HEAD WERE MISSING.	ALED THA	T THE END OF THE
8010	9898G	CESSNA				SOLENOID	FAILED	2445	4/19/98
	17259798	172L				S19911	STARTER		98ZZZX1678
****	WATER, RUST, AN CAUSE INJURY O	ND CORROSION WERE	FOUND. THIS CAUSE ENOID WAS INSTALL	ED THE SOLENOID TO ED, IT WAS SEALED	) REMAIN IN THE CI WITH EPOXY PRIOR	LOSED POSITION. THIS C	ENOID P/N S-199-1 WAS REM ONDITION IS A SERIOUS SAI REVENT WATER OR MOISTU	FETY CONI	DITION AND COULD
7120	7518M	CESSNA				BRACKET	CRACKED		10/17/97
BX4R	55818	175				05131329	ENG MT ATTACH		97ZZZX5123
****		E MOUNT BRACKETS ( CRAFT HAS LYCOMING		ND OF THE ENGINE M	MOUNT STRINGERS	WERE CRACKED AND HO	LE AREA BENT OUT. THIS A	AREA BULC	GED OUT AROUND
3211	8655T	CESSNA				U-BOLT	FAILED	4450	4/21/98
	52555	182C				0541153	LT MLG		98ZZZX1673
****		R INSPECTION, ONE LE THESE BOLTS DURIN			R LEG WAS FOUND	BROKEN IN THE THREAD	AREA. SUBMITTER SUSPEC	TS IT WAS	DUE TO FATIGUE. A
7810	335PC	CESSNA				EXHAUST STACK	WORN		3/18/98
	3350053	335				991030130	LT ENG INBD		98ZZZX1662
****	CAUSED BY CONG GASSES. ROUTED	TACT FROM THE HEAT	SHIELDS MOUNTED IE HEAT SHIELDS IS	ABOVE THE ELBOW THE MAIN WIRE BUN	T. THE HEAT SHIELD NDLE CONTAINING A	OS ALSO HAD HOLES IN T	HAUST STACK (ELBOW) WA HEM AND WERE BURNED B' FROM THE LEFT ENGINE. S	Y THE ESC.	APING EXHAUST
3233	310AV	CESSNA				STUD	FAILED		4/1/98
GMNR	5500028	550				65412045	MLG ACTUATOR		98ZZZX1692
****		,			,	RED IN HALF AT BASE OF AS CRACKED AND CORRO	THREADED AREA ALLOWIN DDED.	IG ACTUAT	TOR TO SEPARATE
3213	2750K	LUSCOM				GEAR LEG	FAILED	1710	4/10/98
	5477	8A				0831192	RT MLG		98ZZZX1659
****	CORROSION INTE	RNALLY. FRACTURE	ABOVE WELD BELOV	V BRAKE PULLEY. T	OTAL GEAR FAILUF	RE ON RIGHT GEAR ON LA	ANDING. SEE LUSCOMBE NE	EW LETTER	NR 113.
2710	261CB	MOONEY				CONTROL ROD	RUSTED	3967	1/15/98
EA6R	250391	M20K				730048001	RT AILERON		98ZZZX1698
****		. INSPECTION NOTED A			ISPECTION, FOUND	ROD RUSTED TO THE EX	TENT IT COULD BE SEPARA	TED IN TW	O WITH LIGHT HAND
3230	60DC	PIPER				BELLCRANK	CRACKED	5261	3/31/98
BONR	600797806123	PA60600				400088001	LT MLG WELL		98ZZZX1695
****	INSPECTED AIRCI PROBLEM OCCUR	RAFT AND FOUND LT N	MLG BELLCRANK P/N LLCRANK WITH 4,266	1 400088-001 BROKEN 5.3 HRS TT. THE REP	. THIS ALLOWED SI LACEMENT LT BELI	EQUENCE VALVE TO OPE	EAR EXTENSION. AIRCRAFT IN CAUSING MLG DOOR TO I LLY IMPROVED OVER ORIGI	FREEFALL	OPEN. THE SAME

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
2710	9729W	PIPER				SUPPORT	CRACKED		4/1/98
	2823207	PA28140				6210201	AIL BELLCRANK		98ZZZX1677
****	LOOKING IN THE A CRACKED COMPL	ACCESS HOLES ORIGII ETELY FROM ONE FLA	NALLY INSTALLED B ANGE SUPPORT EDGE	Y PIPER. THE FRONT TO THE OTHER. SUS	FLANGE OF THE A SPECT CAUSED BY	AILERON BELLCRANK SU HIGH WINDS AND NO AIL	OR. THE BELLCRANK SUP PPORT BRACKETS FRONT ERON LOCKING PROVISIO HAT IS BOLTED AND RIVET	BOLT HOLES ON ON THIS A	FOR MOUNTING IRCRAFT. THE
3213	7732Y	PIPER				AXLE NUT	FAILED		3/26/98
	30821	PA30				MS20364624C	NLG		98ZZZX1672
	FREE PLAY ON NO BOLT THEN JAMM RECOMMENDED F	OSE WHEEL BEARINGS IED NOSE GEAR IN TH	. IT IS NOT TORQUEL E UP POSITION. AFTE E TIE BOLT WITH THR	O TO A SPECIFIC TOF ER 1 HR OF TRYING T EAD WEAR AND INS	RQUE. WHEN NUT C TO DISLODGE L/G, . STALL NEW LOCKN	AME OFF, THIS ALLOWE ACFT LANDED WHEELS UTS AND A SLIGHTLY LO	. THIS NUT IS ADJUSTED C D TIE BOLT TO SLIDE OUT UP WITH NO INJURIES AND ONGER TIE BOLT ALLOWIN	OF NOSE GEA MINOR DAM	AR TO THE SIDE. TIE MAGE. SUBMITTER
6320	1546G	SKRSKY				SPUR GEAR	FRACTURED		4/27/98
HEER	760076	S76A				7635109032047	M/R GEARBOX		98ZZZX1706
****	SEPARATE FRACT SHEARED. MANY	URES AND THE SHAFT OTHER PINS SHOWED	OF THE GEAR HAD O	ONE FRACTURE. TW THE MAIN GEARBO	O OF THE PINS (P/N X WAS OVERHAUL	HL12VLJ-8-5/6) THAT SEC LED 227 OPERATING HOU	TURED IN THREE PLACES. CURE THE SPUR GEAR ASS RS PRIOR TO THIS OCCURR IS NOT KNOWN AT THIS T	EMBLY TOG RENCE. THE	ETHER HAD ALSO
5210	51TB	SOCATA				GUIDE	FAILED	1628	3/19/98
FO6R	488	TB20TRINIDAD				TB1025042102	RT DOOR FWD CAB		98ZZZX1668
****	INVESTIGATION R ALUMINUM. A CH	EVEALED THE BROKE	EN LATCH GUIDE WA OOR LATCHES ON TH	S A P/N TB102504210 HE RT AND LT DOOR	0 GUIDE MADE OF I S ALSO FOUND IMI	PLASTIC INSTEAD OF THI	E TO A BROKEN LOWER LA E PROPER P/N TB1025042102 ALLED. THERE WAS NO RI PROPER PARTS.	2 GUIDE MAI	DE OF MACHINED

# Run Date: 15-May-98

# FEDERAL AVIATION ADMINISTRATION SIGNIFICANT OCCURRENCE REPORT INDEX

Showing Specific Part Numbers and Aircraft Model by Year

FOR THE PERIOD OF: 5/3/98 To 5/9/98

PART NUMBER								YEA	.R					
PART NAME	ACFT MODEL	TOTAL	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
0470														
NUT	MINI500	1	-	-	-	-	-	-	-	-	-	-	-	1
TOTAL of # 0470		1	_	-	-		-		_	-		-	-	1
05131329														
BRACKET	175	1							_					1
TOTAL of # 05131329		1	-	-	-	-	-	-	-	-	-	-	-	1
05260074														
TANK	172D	1	-	-	-	-	-	-	1	-	-	-	-	-
	172E	1	_	_	_	_	_	_	_	_	_	_	_	1
	172K	1							1					
TOTAL of # 05260074		3	-	-	-	-	-	-	2	-	-	-	-	1
0541153														
U BOLT	172	1	-	-	-	-	-	1	-	-	-	-	-	-
	172A	1	_	_	_	_	_	_	_	_	_	_	1	_
		_											_	
	172K	1	-	-	-	-	1	-	-	-	-	-	-	-
	182A	1	_	_	_	_	_	_	_	_	_	_	_	1
	102/1	_												1
U-BOLT	172	2	-	-	-	-	1	1	-	-	-	-	-	-
	172B	1					1							
	172B	1	-	-	-	-	1	-	-	-	-	-	-	-
	172C	1	-	-	-	1	-	-	-	-	-	-	-	-
	172D	1	-	-	-	-	-	1	-	-	-	-	-	-
	172F	1	-	-	-	-	1	-	-	-	-	-	-	-

PART NUMBER								YEA	R					
PART NAME	ACFT MODEL	TOTAL	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
0541153	1500													
U-BOLT	172G	1	-	-	-	-	-	-	-	-	-	1	-	-
	172H	1	-	-	-	-	-	-	1	-	-	-	-	-
	172K	2	-	-	-	-	1	-	-	-	-	1	-	-
	175	1	-	-	-	1	-	-	-	-	-	-	-	-
	182A	3	-	-	-	-	1	-	1	-	-	1	-	-
	182B	1	-	-	-	-	-	-	-	-	-	-	1	-
	182C	1												1
TOTAL of # 0541153		20	-	-	-	2	6	3	2	-	-	3	2	2
<b>0831192</b> GEAR LEG	8A	1	-	-	_	-	-	-	-	-	-	-	-	1
TOTAL of # 0831192		1												1
1090101063														
DAMPER	A109K2	1												1
TOTAL of # 10901010	063	1	-	-	-	-	-	-	-	-	-	-	-	1
<b>115610010325</b> CASTING	100BEECH	1	-	-	-	-	-	-	-	-	-	-	-	1
SUPPORT	B100	1	-	-	-	1	-	-	-	-	-	-	-	-
TORQUE TUBE	100BEECH	1	-	-	-	-	-	-	-	-	-	-	1	-
	99	1	-	-	-	-	-	-	-	-	-	-	1	-
	99	1	-	-	-	-	-	-	-	1	-	-	-	-
	A100	1	-	-	-	1	-	-	-	-	-	-	-	-
	B100	2	-	-	-	-	-	-	1	-	1	-	-	-
	B99	1	-	-	-	1	-	-	-	-	-	-	-	-

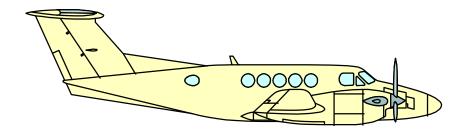
PART NUMBER								YEA	R					
PART NAME	ACFT MODEL	TOTAL	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
115610010325														_
TORQUE TUBE	C99	1	-	-	-	1	-	-	-	-	-	-	-	-
	C99	3	-	-	-	-	-	-	-	-	-	1	1	1
TORQUE TUBE ASSY	100BEECH	1	-	-	-	-	-	-	-	-	-	-	1	-
TORUQE TUBE	A100	1											1	
TOTAL of # 11561001	0325	15	-	-	-	4	-	-	1	1	1	1	5	2
<b>1156100181</b> CASTING	100BEECH	1	-	-	-	-	-	1	-	-	-	-	-	-
CONTROL TUBE	99	1	-	-	-	-	-	-	-	-	-	-	1	-
SUPPORT	100BEECH	1	-	-	-	-	-	-	-	-	-	-	1	-
	100BEECH	2	-	-	-	-	-	-	1	-	-	-	1	-
	A100	1	-	-	-	-	-	-	-	-	-	-	-	1
	C99	1												1
TOTAL of # 11561001	81	7	-	-	-	-	-	1	1	-	-	-	3	2
<b>14421121</b> BARREL	172RG	1					_			_		_		1
TOTAL of # 14421121		1	-	-	-	-	-	-	-	-	-	-	-	1
1513 LIFT DETECTOR	E55	1												1
TOTAL of # 1513		1	-	-	-	-	-	-	-	-	-	-	-	1
<b>214010103115</b> SPINDLE	214ST	1												1
TOTAL of # 21401010	3115	1	-	-	-	-	-	-	-	-	-	-	-	1
<b>23058110A</b> TUBE	206L4	1												1
TOTAL of # 23058110	A	1	-	-	-	-	-	-	-	-	-	-	-	1

PART NUMBER								YEA	R					
PART NAME	ACFT MODEL	TOTAL	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
2607003468														
LINE	35A	1	-	-	-	-	-	-	-	-	-	-	-	1
TOTAL of # 260700346	68	1	-	-	_		-	-	-	-	-	-	-	1
400088001														
BELLCRANK	PA60600	1	-	-	-	-	-	-	-	-	-	-	-	1
	PA60600A	1											1	
TOTAL of # 400088001	1	2	-	-	-	-	-	-	-	-	-	-	1	1
<b>6210201</b> BRACKET	PA28140	1	-	-	-	-	-	-	1	-	-	-	-	-
SUPPORT	PA28140	1	-	-	-	-	-	-	-	-	-	-	-	1
	PA28180	1	-	-	-	-	-	-	-	-	-	-	1	-
SUPPORT ASSEMBLY	PA32260	1				1								
TOTAL of # 6210201 -		4	-	-	-	1	-	-	1	-	-	-	1	1
<b>65412045</b> STUD	550	1	-	-	-	-	-	-	-	-	-	-	-	1
TOTAL of # 65412045		1	_		_				_			_	_	1
730048001 CONTROL ROD	M20K	1												1
TOTAL of # 730048001	1	1	-	-	-	-	-	-	-	-	-	-	-	1
<b>7635109032047</b> SPUR GEAR	S76A	1												1
TOTAL of # 763510903	32047	1	-	-	-	-	-	-	-	-	-	-	-	1
991030130 EXHAUST STACK	335	1												1
TOTAL of # 991030130	0	1	-	-	-	-	-	-	-	-	-	-	-	1
MS20364624C AXLE NUT	PA30	1				_					_			1
TOTAL of # MS203646	624C	1												1
S19911 CONTACTOR	150M	1	-	-	-	-	-	-	1	-	-	-	-	

PART NUMBER								YEA	ıR					
PART NAME	ACFT MODEL	TOTAL	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
S19911														
SOLENOID	172L	1	-	-	-	-	-	-	-	-	-	-	-	1
TOTAL of # S19911	[	2	-	-	-	-		-	1			-	-	1
S21381														
BOLT	172N	1	-	-	-	-	-	-	-	-	-	-	-	1
TOTAL of # S21381	[	1	-	-	-				-				-	1
TB1025042102														
GUIDE	TB20TRINIDAD	1	-	-	-	-	-	-	-	-	-	-	-	1
TOTAL of # TB102	5042102	1	-	-	-	-	-	-		-		-	-	1
TOTAL for ALL (61) PA	ART NUMBERS:	69				7	6	4	8	1	1	4	12	26
END OF SIGNIFICANT OC	CCURRENCE REPORT INDEX													



# DOMESTIC SERVICE DIFFICULTY REPORT



ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
8120	621KE	BEECH				GEAR	FAILED		4/3/98
KVJA	BA556	G18S				8797	REAR SECTION	91	98ZZZX1652
	SUPERCHARGER I	INPUT GEAR FAILED. (	CAUSE UNKNOWN.						
5522	520MC	BEECH				ELEVATOR	DAMAGED	8540	10/9/97
	BB43	200BEECH				101610000606	RT OUTBOARD		97ZZZX5116
		LING EDGE AREA OF T					FTER REMOVAL OF THE TII AN ALUMINUM DOUBLER	, -	
5620	60PD	BEECH				WINDOWS	DELAMINATED		11/18/97
	BB58	200BEECH				1014301835	NR 5 RT		97ZZZX5120
							GE AREA OF THE NR 5 PAS NDOW WAS REPLACED WIT		NDOW. BUBBLES
5730	56CC	BEECH				PANEL	CRACKED	8093	11/13/97
	BB189	200BEECH					RT WING OTBD		97ZZZX5119
	THE INBOARD AR	EA OF THE RIGHT OUT	ΓBOARD WING PANE	L HAS A .3750 INCH (	CRACK FROM THE T	OP OF THE RADIUS CUT-	OUT ON THE LEADING EDG	E FAIRING.	
5753	56CC	BEECH				BRACKET	CRACKED	893	11/13/97
	BB189	200BEECH					RT OTBD FLAP		97ZZZX5117
		- ',					THE RIGHT OUTBOARD FL. DEND TO STRIKE THE BAS.		
5753	56CC	BEECH				SKIN	CRACKED	8093	11/13/97
	BB189	200BEECH					INBD FLAP		97ZZZX5118
						E NACELLE TRAILING ED IN BEING A MAJOR REPA	GE FAIRING TO THE INBOA AIR.	ARD FLAP. T	THE CRACK WOULD
5512	228RA	BEECH				SKIN	CRACKED	5794	11/3/97
	LW197	E90			50600001623	5062000153	LT HORIZ STAB		97ZZZX5115
			,				ING FROM A RIVET HOLE C I DOUBLER WAS INSTALLE		HORIZONTAL
2730	6645K	ВЕЕСН				TORQUE TUBE	CRACKED		2/26/98
EHHR	U209	C99				115610010325	ELEVATOR		98ZZZX1634
****		UE TUBE ASSY, P/N 11: ORT ASSY, P/N 1156100	,	`	URRING) DATED AF	PRIL, 1986. AIRCRAFT HIS	TORY INDICATES NUMERO	OUS REPLAC	EMENTS DUE TO
2730	6656N	BEECH				SUPPORT	CRACKED	702	2/26/98
EHHR	U213	C99			115610010325	1156100181	ELEV TORQ TUBE		98ZZZX1635
****		UE TUBE SUPPORT IS I ORT ASSY, P/N 1156101	,		G PER SB 2145, DATI	ED APRIL, 1986. AIRCRAF	T HISTORY INDICATES NUI	MEROUS RE	PLACEMENTS DUE TO

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO			
3231	118SF	BEECH				CAM	BENT		4/6/98			
JDWA	U32	99			1158100366	15810038	RT OTBD MLG DOOR		98ZZZX1689			
	MANUALLY, AND OUTBOARD MLG	THE AIRCRAFT LAND DOOR ACTUATING CA	ED WITHOUT FURTH M. THE GEAR DOOR	ER INCIDENT. SUBS ROLLER ASSY STRU	SEQUENT INVESTIGATION OF THE UNDERSIDE	ATION DISCLOSED A TRIP. E OF THE LANDING GEAR	UPON EXTENSION. THE LAI PED LANDING GEAR CIRCU ACTUATING CAM CAUSINO TO SNAP OVERCENTER DUI	T BREAKE THE GEA	ER, AND A BENT RT R TO BIND IN THE			
2731	7201Q	CESSNA				ACTUATOR	WORN	4749	4/6/98			
	17260501	172L				12600741	ELEVATOR TRIM		98ZZZX1654			
	HAD EXCESSIVE I	PLAY. MAXIMUM PLAY	7 .131 - HAS .330 PLAY	7. INSTALLED NEW I	PART.							
2810	3799S	CESSNA				TANK	BROKEN WELD	5033	4/22/98			
	17250999	172E				0526007201	BAFFLE		98ZZZX1650			
	FOUND BROKEN	WELDS ON INTERNAL	RIB OR BAFFLE. CAU	ISE WAS FUEL MOVE	EMENT IN TANK, AN		SLIDING AROUND IN FUEL T D ON ONE SIDE OF RIB. IF V S IN TANK.					
2810	3799S	CESSNA				TANK	BROKEN WELD	5033	4/22/98			
	17250999	172E				05260074	BAFFLE		98ZZZX1651			
****	FOUND BROKEN	WELDS ON INTERNAL	RIB OR BAFFLE. CAU	ISE WAS FUEL MOVE	EMENT IN TANK, AN		SLIDING AROUND IN FUEL T D ON ONE SIDE OF RIB. IF V S IN TANK.					
3211	6360D	CESSNA				BOLT	FAILED	9401	3/19/98			
VT3R	17272746	172N				S21381	LT MLG MOUNT		98ZZZX1669			
****	COLLAPSED AFT	CAUSING DAMAGE TO	LT MLG FAIRINGS, F	FUSELAGE, AND LT S	STABILIZER/ELEVAT	TORS. INSPECTION SHOW	NTACTING UNEVEN TERRAI ED THE P/N S2138-1 BOLT HA BMITTER RECOMMENDED A	AD BROKE	N INSIDE STRUT			
3242	97LP	CESSNA				DISC	OVERHEATED		10/21/97			
	17274398	172P				164306151	RT MLG		97ZZZX5127			
	ON DISC DAMAGE		SED OVERHEATING. I	REMOVED PAINT FR	OM DISC WHERE PA	ADS RIDE, INSTALLED NEV	AND LOUD SQUEELING EMI' V LININGS, CHECKED SATIS					
3252	7201Q	CESSNA				DAMPENER	WORN	4749	4/6/98			
	17260501	172L				04425121	NLG		98ZZZX1653			
	SHIMMY DAMPEN	NER HAD NO FLUID AN	D SHAFT WOULD NO	T COME OUT FOR O	VERHAUL. INSTALI	LED NEW PART.						
3252	5331V	CESSNA				BARREL	FAILED		11/1/97			
	172RG0506	172RG				14421121	SHIMMY DAMPENER		97ZZZX5129			
****						RE NOSE WHEEL VIBRATI AINING LINE AND BEARIN	ON. AN INSPECTION REVEA IG HEAD WERE MISSING.	ALED THAT	THE END OF THE			
5753	738QA	CESSNA				ROLLER BEARING	WORN		3/20/98			
	17270144	172N			052390138	0523920	RT OTBD FLAP		98ZZZX1671			
	17270144 172N 052390138 0523920 RT OTBD FLAP 98ZZZX1671  RT OUTBOARD LOWER FLAP ROLLER JAMMED IN TRACK CAUSING EXTENSIVE FLAP DAMAGE AND INABILITY TO RAISE FLAPS TO FULL UP POSITION. UPON LANDING, FLAP ROLLER FOUND WORN THROUGH TO ATTACH HARDWARE INDICATING IT HAD NOT BEEN ROLLING, BUT SLIDING IN TRACK. HAVE FOUND SIMILAR 'STUCK' ROLLERS ON OTHER 172 AIRCRAFT DUE TO IMPROPER INSTALLATION OF WASHER STACK ON BOTH SIDES OF ROLLER.											

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8010	9898G	CESSNA				SOLENOID	FAILED	2445	4/19/98
	17259798	172L				S19911	STARTER		98ZZZX1678
****	WATER, RUST, AN CAUSE INJURY O	ND CORROSION WERE	FOUND. THIS CAUSE ENOID WAS INSTALL	D THE SOLENOID TO ED, IT WAS SEALED	O REMAIN IN THE CI WITH EPOXY PRIOR	LOSED POSITION. THIS CO	ENOID P/N S-199-1 WAS REM ONDITION IS A SERIOUS SAF REVENT WATER OR MOISTU	ETY CONI	DITION AND COULD
7120	7518M	CESSNA				BRACKET	CRACKED		10/17/97
BX4R	55818	175				051313210	ENG MT ATTACH		97ZZZX5124
		E MOUNT BRACKETS ( CRAFT HAS LYCOMING		ND OF THE ENGINE M	MOUNT STRINGERS	WERE CRACKED AND HO	LE AREA BENT OUT. THIS A	REA BULC	GED OUT AROUND
7120	7518M	CESSNA				BRACKET	CRACKED		10/17/97
BX4R	55818	175				05131329	ENG MT ATTACH		97ZZZX5123
****		E MOUNT BRACKETS ( CRAFT HAS LYCOMING		ND OF THE ENGINE M	MOUNT STRINGERS	WERE CRACKED AND HO	LE AREA BENT OUT. THIS A	REA BULC	GED OUT AROUND
7120	7518M	CESSNA				BRACKET	CRACKED		10/17/97
BX4R	55818	175				051313211	ENG MT ATTACH		97ZZZX5125
		E MOUNT BRACKETS ( CRAFT HAS LYCOMING		ND OF THE ENGINE M	MOUNT STRINGERS	WERE CRACKED AND HO	LE AREA BENT OUT. THIS A	REA BULC	GED OUT AROUND
2720	5545S	CESSNA				RUDDER BAR	FAILED	3147	4/16/98
	R18201604	R182					RT RUDDER		98ZZZX1666
		DDER BAR ASSEMBLY, N OF WELDED FITTING				ERING AND CONTROLS RU	UDDER TRIM, BROKE AWAY	FROM RU	DDER BAR ASSY.
3211	8655T	CESSNA				U-BOLT	FAILED	4450	4/21/98
	52555	182C				0541153	LT MLG		98ZZZX1673
****		R INSPECTION, ONE LE T THESE BOLTS DURIN			R LEG WAS FOUND	BROKEN IN THE THREAD	AREA. SUBMITTER SUSPEC	TS IT WAS	DUE TO FATIGUE. A
3030	709FX	CESSNA				PITOT HEAT	FAILED	1148	3/31/98
COEA	208B0430	208B					RT WING		COEA9801709
	AN EMERGENCY	AND RETURNED TO BAE ACTUAL. NR 2 PITOT	SE WITHOUT EVENT	. MAINTENANCE FO	OUND NR 2 PITOT HI	EAT INOPERATIVE AND H	PEED INDICATOR WAS ABOV AD ICED OVER IN-FLIGHT C T SYSTEM FUNCTION CHECK	AUSING C	OPILOT AIRSPEED TO
5511	59063	CESSNA				SPAR	CRACKED		1/28/98
	21060062	210L				123262224	STABILIZER		98ZZZX1636
							SQUEEZER DURING FACTO 1 .25 INCH TO .50 INCH LONG		
7810	335PC	CESSNA				EXHAUST STACK	WORN		3/18/98
	3350053	335				991030130	LT ENG INBD		98ZZZX1662
****	CAUSED BY CONG GASSES. ROUTED	TACT FROM THE HEAT	SHIELDS MOUNTED E HEAT SHIELDS IS T	ABOVE THE ELBOW THE MAIN WIRE BUN	7. THE HEAT SHIELD NDLE CONTAINING A	OS ALSO HAD HOLES IN T	HAUST STACK (ELBOW) WAS HEM AND WERE BURNED BY FROM THE LEFT ENGINE. SI	THE ESC.	APING EXHAUST

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8120	38CJ	CESSNA				VALVE	LEAKING	682	4/3/98
GNXA	402C0023	402C				C1650060107	WASTEGATE		98ZZZX1661
	COMPLETE LOSS LANDING. MAIN	OF MANIFOLD PRESSU TENANCE PERSONNEL	JRE. THE PILOT TOOK FOUND THE WASTE	K PRECAUTIONARY GATE ACTUATOR FA	MEASURES AND SH ILED AND ALL THE	UT DOWN ENGINE. HE C	TEMP WAS RISING SLOWLY CONTINUED ON AND MADE ED. INSPECTION REVEALE MILURE.	AN UNEVEN	NTFUL SINGLE ENGINE
2710	674G	CESSNA				CABLE	MISINSTALLED	4295	6/22/94
EBVR	5500435	550					TERMINAL END		94ZZZX4575
	HARDWARE NOT	,	D. NUTS WERE ONLY	ON THE AN3 BOLTS	BY 2-3 THREADS A		YOKE DISASSEMBLY, FOUR OT ENGAGED. ALL FOUR CA		
3233	310AV	CESSNA				STUD	FAILED		4/1/98
GMNR	5500028	550				65412045	MLG ACTUATOR		98ZZZX1692
****						RED IN HALF AT BASE OF AS CRACKED AND CORR	THREADED AREA ALLOWI ODED.	ING ACTUA	TOR TO SEPARATE
2435	515AM	GULSTM			LEARSIEGLER	STARTER	FAILED	1023	2/3/98
	95008	695				230790001	START/GEN		98ZZZX1638
		OF STARTER/GENERA' DUE TO TIME ON COM		IAFT BEARING FAIL	ED CAUSING AN INT	TERNAL SHORT TO STAR	TER HOUSING. PER OPERA	TOR, FAILU	RE WAS NOT
3213	2750K	LUSCOM				GEAR LEG	FAILED	1710	4/10/98
	5477	8A				0831192	RT MLG		98ZZZX1659
****	CORROSION INTE	RNALLY. FRACTURE	ABOVE WELD BELOV	V BRAKE PULLEY. T	OTAL GEAR FAILU	RE ON RIGHT GEAR ON L	ANDING. SEE LUSCOMBE N	NEW LETTER	R NR 113.
2710	261CB	MOONEY				CONTROL ROD	RUSTED	3967	1/15/98
EA6R	250391	M20K				730048001	RT AILERON		98ZZZX1698
****		. INSPECTION NOTED A			NSPECTION, FOUND	ROD RUSTED TO THE EX	TENT IT COULD BE SEPARA	ATED IN TW	O WITH LIGHT HAND
3230	60DC	PIPER				BELLCRANK	CRACKED	5261	3/31/98
BONR	600797806123	PA60600				400088001	LT MLG WELL		98ZZZX1695
****	INSPECTED AIRCO	RAFT AND FOUND LT I	MLG BELLCRANK P/N LLCRANK WITH 4,266	1 400088-001 BROKEN 5.3 HRS TT. THE REP	I. THIS ALLOWED SI LACEMENT LT BELI	EQUENCE VALVE TO OPI	EAR EXTENSION. AIRCRAF EN CAUSING MLG DOOR TO LLY IMPROVED OVER ORIC	FREEFALL	OPEN. THE SAME
3060		PIPER				BRACKET	CRACKED		4/16/98
JGVR		PA23250			758180	758243	DEICE BRUSH BLK		98ZZZX1679
	CUSTOMER RETU	RNED P/N 758-180 (4E1	515-3) PROP DEICE BE	RUSH BLOCK ASSY E	BECAUSE BRACKET	P/N 758-243 (431514-2) WA	AS CRACKED IN RADIUS OF	BEND.	
3230	51ME	PIPER				BOLT	FAILED		4/15/98
	277854066	PA23250			1619800	400235	NLG DRAG BRACE		98ZZZX1667
		R DRAG BRACE BOLT OVING AND VISUALL				E BUSHING. METAL FAT	IGUE IS SUSPECTED REASO	N FOR FAIL	URE. SUBMITTER

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2710	9729W	PIPER				SUPPORT	CRACKED		4/1/98
	2823207	PA28140				6210200	AIL BELLCRANK		98ZZZX1676
	LOOKING IN THE CRACKED COMPL	ACCESS HOLES ORIGIN ETELY FROM ONE FLA	NALLY INSTALLED B ANGE SUPPORT EDGE	Y PIPER. THE FROM E TO THE OTHER. SU	T FLANGE OF THE A SPECT CAUSED BY I	ILERON BELLCRANK SUP HIGH WINDS AND NO AILE	R. THE BELLCRANK SUPPOR PORT BRACKETS FRONT BOI PRON LOCKING PROVISION C AT IS BOLTED AND RIVETED	T HOLES N THIS A	FOR MOUNTING IRCRAFT. THE
2710	9729W	PIPER				SUPPORT	CRACKED		4/1/98
	2823207	PA28140				6210201	AIL BELLCRANK		98ZZZX1677
****	LOOKING IN THE CRACKED COMPL	ACCESS HOLES ORIGIN ETELY FROM ONE FLA	NALLY INSTALLED B ANGE SUPPORT EDGE	Y PIPER. THE FROM E TO THE OTHER. SU	T FLANGE OF THE A SPECT CAUSED BY I	ILERON BELLCRANK SUP HIGH WINDS AND NO AILE	R. THE BELLCRANK SUPPOR PORT BRACKETS FRONT BOI RON LOCKING PROVISION C AT IS BOLTED AND RIVETED	T HOLES N THIS A	FOR MOUNTING IRCRAFT. THE
5412	6166H	PIPER				FIREWALL	CORRODED	2108	9/17/97
H8AR	28R7803093	PA28R201T				3575305	TURBO AREA		97ZZZX5122
					*		ADVANCED THAN EXTERION KHIBITED SIGNS OF THERMA		
5412	36751	PIPER				FIREWALL	CORRODED		10/27/97
H8AR	28R7803339	PA28R201T				3575305	TURBO AREA		97ZZZX5121
	DURING MAINTEN	NANCE FOR ALTERNAT	TOR FAILURE, FOUNI	FIREWALL HAD A	HOLE DUE TO CORR	OSION. SUSPECT CORROS	ION DUE TO HEAT EXPOSUR	E FROM	ГURBOCHARGER.
3213	7732Y	PIPER				AXLE NUT	FAILED		3/26/98
	30821	PA30				MS20364624C	NLG		98ZZZX1672
****	FREE PLAY ON NO BOLT THEN JAMM RECOMMENDED I	OSE WHEEL BEARINGS IED NOSE GEAR IN TH	. IT IS NOT TORQUEI E UP POSITION. AFTE E TIE BOLT WITH THE	O TO A SPECIFIC TOF ER 1 HR OF TRYING T READ WEAR AND IN	RQUE. WHEN NUT C. TO DISLODGE L/G, A STALL NEW LOCKN	AME OFF, THIS ALLOWED ACFT LANDED WHEELS UI UTS AND A SLIGHTLY LOY	THIS NUT IS ADJUSTED ONL TIE BOLT TO SLIDE OUT OF I P WITH NO INJURIES AND MI NGER TIE BOLT ALLOWING A	NOSE GE. NOR DAM	AR TO THE SIDE. TIE MAGE. SUBMITTER
3260	92877	PIPER				SWITCH	OUT OF ADJUST	76	2/6/98
	3246078	PA32R301					RT MLG DOWNLOCK		98ZZZX1674
	GEAR DOWN LIGH SWITCH.	IT DID NOT COME ON	WHEN THE GEAR WA	AS EXTENDED. FOUR	ND RT MLG DOWNLO	OCK LIGHT SWITCH OUT (	OF ADJUSTMENT. JACKED A	RCRAFT	AND ADJUSTED
5210	51TB	SOCATA				GUIDE	FAILED	1628	3/19/98
FO6R	488	TB20TRINIDAD				TB1025042102	RT DOOR FWD CAB		98ZZZX1668
****	INVESTIGATION F ALUMINUM. A CH	REVEALED THE BROKE HECK OF THE OTHER D	EN LATCH GUIDE WA OOR LATCHES ON TI	S A P/N TB102504210 HE RT AND LT DOOR	0 GUIDE MADE OF F S ALSO FOUND IMP	PLASTIC INSTEAD OF THE	TO A BROKEN LOWER LATC PROPER P/N TB1025042102 GU LLED. THERE WAS NO RECC COPER PARTS.	ЛDE MAI	DE OF MACHINED
7160	4631V	VARGA			BRACKETT	GASKET	DETERIORATED		4/1/98
	VAC8777	2150AMORISY				BA4101	CARB HEAT BOX		98ZZZX1663
	4101 GASKETS. O	NE BETWEEN THE AIR	VARGA P/N 30020-31	DUCT ASSY, AND O	NE BETWEEN DUCT		DITION. ON VARGA MODEL 2 120-32 CARBURETOR HEAT E RT UNKNOWN.		

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3425	866MP	AEROSP				SYNCHRO	DEFECTIVE		4/9/94
HEEA	5089	AS355F1			KA51A	071105304	COCKPIT HSI		HEEA942216
	HSI 20 DEGREES -	100 DEGREES OFF.							
3452	5785Y	AEROSP				TRANSPONDER	INOP		5/7/94
HEEA	5105	AS355F1			KT76	066106200	COCKPIT		HEEA942178
	TRANSPONDER P	UTS OUT NO SIGNAL. T	TROUBLESHOT AND	REPLACED TRANSIS	TOR Q415, CAVITY (	OSCILLATOR V101 AND A	DJUSTED 9 VOLT POWER SU	PPLY. REP	AIRED PROBLEM.
7320	942MS	AEROSP	ALLSN			CABLE	FRAYED	99	4/27/98
	5498	AS355F2	250C20F			704A34130163	NR 2 N2 CONTROL		98ZZZX1683
	CABLE FRAYED A	AND BEARING WORN O	OUT CAUSING BINDIN	NG OF N2 LINKAGE.	SUBMITTER SUGGE	STED INSTALLING A BET	ΓER, MORE RELIABLE SYSTI	EM.	
2432		AEROSP				BATTERY	DEFECTIVE		2/22/94
KY1R		SA365N1				99892R4495	EMERG DC SYS		94ZZZX4579
	BATTERY WILL N	IOT HOLD CHARGE, PU	T A LOAD ON BATTI	ERY, IT FAILED.					
2432		AEROSP				BATTERY	DEFECTIVE		2/22/94
KY1R		SA365N1				99892R4495	EMERG DC SYS		94ZZZX4580
	BATTERY WILL N	IOT HOLD CHARGE, PU	T A LOAD ON BATTI	ERY, IT FAILED.					
6420		AEROSP				SPIDER	WORN		2/23/94
KY1R		SA365N1				365A33214200	T/R		94ZZZX4578
	SPIDER BUSHING	S OUT OF LIMITS, 33M	M.						
2913	911RX	AGUSTA				COUPLING	WORN	512	6/30/94
	10017	A109K2				807712	NR 2 HYD PUMP		94ZZZX4571
	DURING 600-HOU	R INSPECTION, DRIVE	COUPLING IN NR 2 H	YDRAULIC PUMP WA	AS FOUND WORN ON	N PUMP SIDE. A NEW DRI	VE COUPLING SAME P/N WA	S INSTALL	ED.
3212	911RX	AGUSTA				SWITCH	OPEN	512	6/30/94
	10017	A109K2				1090760451	FLOAT		94ZZZX4573
	DURING 600-HOU	R INSPECTION, CHECK	OUT OF FLOAT SWI	TCH PROVED IT WAS	INOPERATIVE 'OPE	N'. NEW SWITCH SAME P	N WAS ORDERED WHICH FI	XED PROB	LEM.
6220	911RX	AGUSTA				DAMPER	WORN	512	6/30/94
	10017	A109K2				1090101063	M/R		94ZZZX4572
*****	DURING 600-HOU	R INSPECTION, DAMPE	R ROD END FOUND	TO HAVE PLAY, NO P	LAY ALLOWED. A I	REPLACEMENT DAMPER	WAS INSTALLED.		
6420	911RX	AGUSTA				BUSHING	WORN	12	7/11/94
	10017	A109K2				1090131193	T/R TRUNNION		94ZZZX4570
		EVE TRUNNION SLIPPA LED NEW BUSHINGS.				INGS. REMOVED, REPAIR	ED AND REINSTALLED TRU	NNION ASS	SY IAW AGUSTA FAX-
2312	2272V	BELL				TRANSCEIVER	MALFUNCTION		4/14/94
HEEA	3621	206B				064105430	COCKPIT		HEEA942171
	SCRATCHY RECE GOOD.	PTION ON 123:00. DISP	LAY GOING OUT. VE	RIFIED FAULTY DISF	PLAY; BUT NO RECE	EPTION PROBLEM. REPLAC	CED DS901 DISPLAY AND RE	EPAIRED. I	BENCH CHECK

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2312	6251X	BELL				RECEIVER	FAILED		4/22/98
HEEA	51552	206L3			KX155	069102435	NAV/COMM		HEEA0014013
	NAV COMM RECE	IVER NO DISPLAY.							
2312	6160Z	BELL				TRANSCEIVER	DEFECTIVE		4/29/94
HEEA	51610	206L3				064105430	COCKPIT		HEEA942170
		N KEYING MIKE FOR F LCH AND SIDE TONE. I		,	NORMAL. FOUND SO	OME DISPLAY SEGMENTS	INOPERATIVE. REPLACE	ED DISPLAY D	S901. REPAIRED AND
2330	206LS	BELL				AUDIO PANEL	FAILED		4/22/98
HEEA	51070	206L3				066105552	COCKPIT		HEEA0014017
	PA CHANNEL INO	PERATIVE AND DUAL	SINGLE SWITCH LOC	OSE.					
2430	4282Z	BELL				RELAY	STUCK		4/29/98
HEEA	51499	206L3				A1077	DC SYS		HEEA0014060
	STUCK CLOSED A	FTER INSTALLATION.	RESET RELAY AND	TRIED AGAIN, UNIT	THEN STARTED SM	OKING. REPLACED WITH	SERVICEABLE RELAY SY	YSTEM.	
2432	3181Y	BELL				CELL	DEFECTIVE		1/26/94
HEEA	3772	206B			30135001	17SP100	NR 3		HEEA942131
	BATTERY INSPEC	TED BY ACCESSORY S	HOP AND FOUND CE	LL #3 WOULD NOT A	ACCEPT A CHARGE.	CELL REPLACED.			
2432	2268V	BELL				CELL	DEFECTIVE		4/1/94
HEEA	3605	206B3			30135001	17SP100	NR 1		HEEA942130
	BATTERY INSPEC	TED WHEN RECEIVED	AND FOUND CELL#	1 WOULD NOT HOLD	UP ON CAPACITY	TEST. CELL REPLACED.			
2432	5014Y	BELL				CELL	DEFECTIVE		4/4/94
HEEA	45219	206L1			3055401C	17SP100	NR 11		HEEA942132
	BATTERY INSPEC	TED BY ACCESSORY S	SHOP AND FOUND CE	LL #11 WOULD NOT	HOLD UP ON CAPAG	CITY TEST. CELL REPLAC	ED.		
2432	206LS	BELL				CELL	DEFECTIVE		2/19/94
HEEA	51070	206L3			3055401C	17SP100	NR 9		HEEA942133
	BATTERY INSPEC	TED BY ACCESSORY S	SHOP AND FOUND CE	LL #9 WOULD NOT A	ACCEPT A CHARGE.	CELL REPLACED.			
2432	4180F	BELL				CELL	WEAK		3/22/94
HEEA	51469	206L3			3055401C	17SP100	NR 5		HEEA942134
	BATTERY WEAK.	INSPECTED BY ACCES	SSORY SHOP AND FO	UND CELL #5 WOUL	D NOT HOLD UP ON	CAPACITY TEST. CELL R	EPLACED.		
2435	50182	BELL				START/GEN	CORRODED	475	4/22/98
HEEA	45242	206L1			200SGL132Q	200SGL1008	END BELL		HEEA0014015
		OSION FOUND ON ENI O THE TYPE FINISH TH				RRODED THROUGH ONE PAINT OR PRIMER.	OF THE SCREW HOLES. 1	NOTE: THIS SI	EEMS TO HAVE
2562	513EH	BELL			NARCO	ELT	FAILED		5/1/98
HEEA	45421	206L1				ELT910	COCKPIT		HEEA0014111
	ELT UNIT FOUND	IN ON POSITION FOR U	UNKNOWN TIME.						
2562	6610E	BELL			NARCO	ELT	DEFECTIVE		4/29/98
HEEA	51424	206L3				ELT10	COCKPIT		HEEA0014086
		ON WILL NOT SPRING							

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
2822	206BY	BELL				PUMP CARTRIDGE	FAILED		4/21/98
LS1R	2871	206B3				2C271	BOOST PUMP		98ZZZX1680
	FORWARD BOOST	PUMP INOPERABLE. 1	REMOVED AND REP	LACED BOOST PUMP	. AIRCRAFT RETUR	NED TO SERVICE. CONTR	ROL NR 98-4-10.		
2842	7074W	BELL				TRANSDUCER	DEFECTIVE	445	1/26/94
HEEA	52033	206L				BSE20630G	FUEL SYS		HEEA942139
	TRANSDUCER OU	TPUT DOES NOT INCRI	EASE ABOVE 6.3V. R	REPORTED ERRATIC I	READINGS ON AIRC	RAFT.			
3210		BELL				CROSSTUBE	DEFECTIVE		5/19/94
HEEA		206L1				206053203103	S/N PLACARD		HEEA942207
	RIVET INSTALLED	O IN MIDDLE OF SERIA	L NUMBER. UNABLE	E TO READ S/N.					
3210		BELL				CROSSTUBE	DEFECTIVE		5/12/94
HEEA		206L1				206053203101	S/N PLACARD		HEEA942167
	RIVET INSTALLED	O IN MIDDLE OF S/N. U	NABLE TO READ.						
3210		BELL				CROSSTUBE	DEFECTIVE		5/11/94
HEEA		206L1				206053203101	S/N PLACARD		HEEA942160
	RIVET INSTALLED	IN MIDDLE OF S/N. U	NABLE TO READ.						
3213	22751	BELL				FITTING ASSY	WORN		4/30/98
HEEA	3627	206B3				206030104001	CROSSTUBE		HEEA0014100
	FITTING ASSY WO	ORN AND GOUGED. SCI	RAPPED FITTINGS A	ND REPLACED WITH	SERVICEABLE FITT	INGS.			
3421	11027	BELL				ROTOR ASSY	DEFECTIVE		5/1/98
HEEA	45411	206L1				2360041905	INDICATOR		HEEA0014110
	ROTOR ASSY BEA	RINGS ARE BAD.							
3422	4180F	BELL				GYRO	DEFECTIVE		2/26/94
HEEA	51469	206L3				102005403	COCKPIT		HEEA942218
	HORIZ GYRO SLO	W TO ERECT, REPORTE	ED PRECESSING.						
3423	22425	BELL				COMPASS	LEAKING		4/22/98
HEEA	45743	206L1				C2300DL4B	COCKPIT		HEEA0014029
	COMPASS LEAKIN	IG.							
3444	8594X	BELL				INDICATOR	STICKS		4/25/94
HEEA	51531	206L3			KI250	066305401	COCKPIT		HEEA942180
	NEEDLE STICKS A CHECK GOOD.	AT 500 FEET. LOOSE WA	ASHERS INSIDE OF U	JNIT. TROUBLESHOT	AND REMOVED LO	OSE WASHERS FROM INS	IDE OF UNIT AND REPLAC	CED BEZEL A	SSEMBLY. BENCH
3452	3181J	BELL				TRANSPONDER	KNOB BROKEN		5/14/94
HEEA	3771	206B			KT76	066106200	COCKPIT		HEEA942215
	BROKEN KNOB. R	EPLACED KNOB AND A	ALSO REPLACED DE	TERIORATED RESIST	OR R477. REPAIREI	PROBLEM.			
3452	3181Y	BELL				TRANSPONDER	FAILED		4/29/98
HEEA	3772	206B3			KT76	066106200	COCKPIT		HEEA0014057
		E DIAL, DO NOT MATCI TO SPECS. BENCH CH		R TRANSMITTING. FO	OUND UNIT SHOWIN	NG FALSE PULSES. CLEAN	NED WAFER SWITCHES. R	EPAIRED. AI	DJUSTED PULSE WIDT

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
3452	2759U	BELL				TRANSPONDER	INOP		4/27/94
HEEA	45267	206L1			KT76	066106200	COCKPIT		HEEA942176
	ATC NOT RECEIV	ING. TROUBLESHOT A	ND REPLACED V101	OSCILLATOR, R477 R	ESISTOR AND FACE	EPLATE. REPAIRED. PERF	FORMED MOD 6 BY INSTAI	LLING Q415 S	SPACER. REPAIRED.
3452	2250U	BELL				TRANSPONDER	INTERMITTENT		3/21/94
HEEA	45754	206L1			KT76	066106200	COCKPIT		HEEA942175
		PERATION. TROUBLES R DIODE AND DETERIO				202, CAPACITORS, C202 A	ND C204, TRANSISTOR Q20	01, FUSE F40	I, MIXER DIODE AND
3452	21497	BELL				TRANSPONDER	FAILED		4/29/98
HEEA	51518	206L3			KT76	066106200	COCKPIT		HEEA0014053
	MODE "C" REPOR	TED INOPERATIVE BY	ATC. PERFORMED PI	RELIMINARY INSPEC	CTION. FOUND PULS	SE WIDTH TO BE OUT OF S	SPECS AND REPLY LIGHT	TO CONSTAN	NTLY BLINK.
3457	9907K	BELL				GPS	FAILED	1422	4/16/98
LS1R	2040	206B			GPS150	0110005400	COCKPIT		98ZZZX1685
	GPS WILL NOT PIO	CK UP SATELLITE UNIT	Γ SENT TO MANUFAC	CTURER FOR REPAIR	. CONTROL NR 984-	9.			
3457		BELL				GPS	DEFECTIVE		4/29/98
HEEA		206L1			GPS 150	0110005400	COCKPIT		HEEA0014055
	GPS NO LONGER	NEEDED ON AIRCRAFT	T. BENCH CHECK RE	QUIRED. PERFORMEI	D PRELIMINARY IN	SPECTION. FOUND DIREC	T TO BUTTON UNREADAE	BLE.	
3457	22425	BELL				GPS	FAILED		4/29/98
HEEA	45743	206L1			GPS 150	0110005400	COCKPIT		HEEA0014056
	GPS TAKES 30 MIN	NUTES TO COME ON. P.	ERFORMED PRELIMI	NARY INSPECTION.	FOUND UNIT TO HA	AVE UNREADABLE ENTRY	AND CRSR BUTTONS.		
5260	6251X	BELL				STEP	CORRODED		4/29/98
HEEA	51552	206L3				206310110	ENTRY		HEEA0014052
	STEP CORRODED	BEYOND LIMITS.							
5313		BELL				LONGERON	MIS MFG		4/30/98
HEEA		206L1				206031314123S	FUSELAGE		HEEA0014090
	TOOLING HOLES	NOT IN ALIGNMENT W	/ITH ORIGINAL, CAU	SING BOW ALONG C	ENTER OF LONGER	ON.			
5320		BELL				INTERCOSTAL	DAMAGED		5/1/98
HEEA		206L1				206033410040S	FUSELAGE		HEEA0014105
	MECHANICAL DA	MAGE ON LOWER FOR	RWARD BEND RADIU	S.					
5530	8592X	BELL				FIN ASSY	MIS MARKED		4/29/98
HEEA	51508	206L3				206023126103	VERT FIN		HEEA0014046
		ED WITH INCORRECT DEEN P/N 206-023-126-10		ND PART TO BE A R/	H FIN WITH A LEFT	HAND PART NUMBER ON	IT. LOCATION OF INSERT	ΓS ARE ALL I	FOR R/H SIDE.
6220	2775A	BELL				WASHER	DETERIORATED	1196	5/18/94
HEEA	45297	206L1			206011100159	206010110105	M/R THRUST		HEEA942204
	EXCESSIVE WEAR	R-MATERIAL DETERIO	RATING. REPLACED	THRUST WASHERS-L	OWER TORQUE ON	ADJUSTING SCREWS (PRI	ELOAD TOO HIGH).		
6220	1076Y	BELL				WASHER	DETERIORATED	1150	5/23/94
HEEA	45380	206L1			206011100159	206010110105	M/R THRUST		HEEA942228
TILLEA									

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6310	22718	BELL				DR.SHAFT	OVERTEMP	9888	3/9/94
HEEA	3618	206B				206040015103	GR BOX COUPLING		HEEA942165
	INDICATION OF O	VERTEMP (DISC SIDE O	ONLY TWO EACH YE	LLOW TEMP-PLATES	S) REPAIRED AND R	ETURNED TO SERVICE.			
6310	22718	BELL				DR.SHAFT	OVERTEMP	6261	3/7/94
HEEA	3618	206B				206040015103	GR BOX COUPLING		HEEA942164
	INDICATION OF O	VERTEMP (DISC SIDE O	ONLY TWO EACH YE	LLOW TEMP-PLATES	S) REPAIRED AND R	ETURNED TO SERVICE.			
6310	22718	BELL				DR.SHAFT	OVERTEMP	7339	4/12/94
HEEA	3618	206B				206040015103	GR BOX COUPLING		HEEA942166
	INDICATION OF O SERVICE.	VERTEMP (DISC SIDE 7	ΓWO EACH YELLOW	TEMP-PLATES). BOO	OT TORN. (OPPOSIT	E SIDE TWO EACH YELLO	OW AND RED TEMP-PLATES)	REPAIREL	) AND RETURNED TO
6310	2268X	BELL				DR.SHAFT	OVER TEMP	8295	4/22/94
HEEA	3607	206B3				206040015103	GR BOX COUPLING		HEEA942161
	INDICATION OF O SERVICE.	VERTEMP (DISC SIDE 2	2 EACH YELLOW TEN	MP-PLATES)(OPPOSIT	TE SIDE 2 EACH YEL	LOW AND RED TEMP-PLA	ATES). BOOT OPEN. REPAIRE	ED AND RE	TURNED TO
6310	2268X	BELL				DR.SHAFT	OVERTEMP	7918	5/11/94
HEEA	3607	206B3				206040015103	GR BOX COUPLING		HEEA942163
	INDICATION OF O	VERTEMP (OPPOSITE S	SIDE 2 EACH YELLOV	V TEMP-PLATES). RE	PAIRED AND RETUI	RNED TO SERVICE.			
6310	2268X	BELL				DR.SHAFT	OVERTEMP	8351	5/10/94
HEEA	3607	206B3				206040015103	GR BOX COUPLING		HEEA942162
	INDICATION OF O	VERTEMP (DISC SIDE 2	2 EACH YELLOW TEN	MP-PLATES)(OPPOSIT	E SIDE 2 EACH YEL	LOW TEMP-PLATES). REP	PAIRED AND RETURNED TO S	SERVICE.	
6310	62127	BELL				SLEEVE SEAL	LEAKING	296	4/2/94
HEEA	52023	206L				214040814105	FREEWHEEL		HEEA942150
	FREEWHEEL UNIT REPLACED.	AFT CAP SEAL LEAKI	NG. O RING (M83248	-1-021), O RING (M832	248-1-140), SEAL (214	4-040-841-101), ADAPTER (	406-040-550-101), SLEEVE (21	4-040-814-1	05) ALSO
6320	7077B	BELL				PUMP SEAL	LEAKING	1127	5/12/94
HEEA	52037	206L			206040004115	406340100101	XMSN OIL		HEEA942236
	TRANSMISSION O	IL PUMP OUTPUT SEAI	LEAKING.						
6320	2770Y	BELL				INDICATOR	FLUCTUATES		4/29/98
HEEA	45291	206L1				90093013	XMSN TEMP/PRESS		HEEA0014074
	OIL PRESS NEEDL	E FLUCTUATES.							
6410	5007N	BELL				BEARING	CRACKED	393	5/11/94
HEEA	45184	206L1			206016201127	206010765001	T/R		HEEA942198
	BLADE BEARING	CRACKED. ALSO REPI	ACED SLEEVE P/N 2	06-010-733-003. SEE N	MMIR'S 2188 THROU	GH 2201. PARTS SCRAPPE	D LOCALLY.		
6410	5014Y	BELL				BEARING	CRACKED	597	4/21/94
HEEA	45219	206L1			206016201127	206010765001	T/R		HEEA942190
	BLADE BEARING	CRACKED. BLADE S/N	CS4772 & CS43. ALS	O REPLACED SLEEV	E P/N 206-010-733-00	3. SEE MMIR'S 2188 THRO	OUGH 2201. PARTS SCRAPPEI	LOCALLY	<i>7</i> .
									1/21/01
6410	5014Y	BELL				BEARING	CRACKED	993	4/21/94
6410 HEEA		BELL 206L1			206016201127	BEARING 206010765001	CRACKED T/R	993	4/21/94 HEEA942191

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6410	50182	BELL				BEARING	CRACKED	138	5/4/94
HEEA	45242	206L1			206016201127	206010765001	T/R		HEEA942195
	BLADE BEARING	CRACKED. BLADE S/N	CS2967 & CS29. ALS	O REPLACED SLEEV	E P/N 206-010-733-00	3. SEE MMIR'S 2188 THRO	UGH 2201. PARTS SCRAPP	ED LOCALLY	7.
6410	5745N	BELL				BEARING	CRACKED	276	5/2/94
HEEA	45489	206L1			206016201127	206010765001	T/R		HEEA942193
	BLADE BEARING	CRACKED. BLADE S/N	CS2802 & CS27. ALS	O REPLACED SLEEV	E P/N 206-010-733-00	3. SEE MMIR'S 2188 THRO	UGH 2201. PARTS SCRAPP	ED LOCALLY	7.
6410	5745N	BELL				BEARING	CRACKED	485	5/2/94
HEEA	45489	206L1			206016201127	206010765001	T/R		HEEA942194
	BLADE BEARING	CRACKED. ALSO REPI	LACED SLEEVE P/N 2	06-010-733-003. SEE N	MMIR'S 2188 THROU	GH 2201. PARTS SCRAPPE	D LOCALLY.		
6410	5745S	BELL				BEARING	CRACKED	833	5/12/94
HEEA	45491	206L1			206016201127	206010765001	T/R		HEEA942197
	BLADE CRACKED	BLADE S/N CS3971 &	CS39. ALSO REPLAC	ED SLEEVE P/N 206-0	10-733-003. SEE MM	IIR'S 2188 THROUGH 2201.	PARTS SCRAPPED LOCAL	LY.	
6410	3892R	BELL				BEARING	CRACKED	257	4/20/94
HEEA	45594	206L1			206016201127	206010765001	T/R		HEEA942192
	BLADE BEARING	CRACKED. BLADE S/N	CS6038 & CS60. ALS	O REPLACED SLEEV	E P/N 206-010-733-00	3. SEE MMIR'S 2188 THRO	UGH 2201. PARTS SCRAPP	ED LOCALLY	7.
6410	3905B	BELL				BEARING	CRACKED	514	4/18/94
HEEA	45598	206L1			206016201127	206010765001	T/R		HEEA942189
	BLADE BEARING	CRACKED. BLADE S/N	CS3712 & CS37. ALS	O REPLACED SLEEV	E P/N 206-010-733-00	3. SEE MMIR'S 2188 THRO	UGH 2201. PARTS SCRAPP	ED LOCALLY	7.
6410	3905B	BELL				BEARING	CRACKED	169	5/13/94
HEEA	45598	206L1			206016201127	206010765001	T/R		HEEA942200
	BLADE BEARING ( INVOICEDPM#62		LACED SLEEVE P/N 2	06-010-733-003. SEE N	MMIR'S 2188 THROU	GH 2201. PARTS SCRAPPE	D LOCALLY. PARTS AND I	ABOR WILL	BE
6410	3905B	BELL				BEARING	CRACKED	68	5/13/94
HEEA	45598	206L1			206016201127	206010765001	T/R		HEEA942199
	BLADE BEARING	CRACKED. ALSO REPI	LACED SLEEVE P/N 2	06-010-733-003. SEE N	MIR'S 2188 THROU	GH 2201. PARTS SCRAPPE	D LOCALLY.		
6410	22425	BELL				BEARING	CRACKED	630	5/13/94
HEEA	45743	206L1			206016201127	206010765001	T/R		HEEA942201
	BLADE BEARING	CRACKED. ALSO REPI	LACED SLEEVE P/N 2	06-010-733-003. SEE N	MIR'S 2188 THROU	GH 2201. PARTS SCRAPPE	D LOCALLY.		
6410	2245Y	BELL				BEARING	CRACKED	23	4/14/94
HEEA	45751	206L1			206016201127	206010765001	T/R BLADE		HEEA942188
	BLADE BEARING ( WILL BE INVOICE		CS2950 & CS28. ALS	O REPLACED SLEEV	E P/N 206-010-733-00	3. SEE MMIR'S 2188 THRO	UGH 2201. PARTS SCRAPP	ED LOCALLY	7. PARTS AND LABOR
6410	205FC	BELL				BEARING	CRACKED	270	5/4/94
HEEA	51130	206L3			206016201127	206010765001	T/R		HEEA942196
	BLADE BEARING	CRACKED. BLADE S/N	CS6042 & CS60. ALS	O REPLACED SLEEV	E P/N 206-010-733-00	3. SEE MMIR'S 2188 THRO	UGH 2201. PARTS SCRAPP	ED LOCALLY	<i>7</i> .
6520	62127	BELL				INDICATOR	LOOSE	885	5/10/94
HEEA	52023	206L				204040508011	T/R GR BOX OIL		HEEA942159
	TAIL ROTOR GEAL	RBOX OIL LEVEL INDI	CATOR SPINS FREEL	Y DUE TO NO LOCK	ГАВ.				

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6520	62127	BELL				SEAL	LEAKING	524	5/10/94
HEEA	52023	206L				206340103101	T/R GR BOX		HEEA942158
	T/R GEARBOX INF	PUT SEAL LEAKING. A	LSO REPLACED ORIN	NG (M83248-1-213), SL	EEVE (206-040-420-1	101), WASHER (NAS1443-7I	P), ORING (MS29561-230).		
5520	7074W	BELL				SEAL	LEAKING	262	4/10/94
HEEA	52033	206L				206340103101	T/R GR BOX		HEEA942156
	T/R GEARBOX INF	PUT SEAL LEAKING. A	LSO REPLACED ORIN	NG (M83248-1-213), W	ASHER (NAS1443-7P	e), SPACER (206-040-420-101	1).		
5520	7077B	BELL				SEAL	LEAKING	221	4/5/94
HEEA	52037	206L				206340103101	T/R GR BOX		HEEA942157
	T/R GEARBOX INF	PUT SEAL LEAKING. A	LSO REPLACED ORIN	NG (M83248-1-213), SL	EEVE (206-040-420-1	01), WASHER (NAS1443-7F	?).		
520		BELL				PINION	DEFECTIVE		4/21/98
HEEA		206L1				206040440103	T/R GR BOX		HEEA0013993
	SILVER COATING	FLAKING FROM GEAR	R ТООТН.						
5710	2777D	BELL				TUBE ASSY	CORRODED		4/17/94
HEEA	45299	206L1				206001342001	CYCLIC		HEEA942147
	UPON INSPECTION	N OF TUBE ASSY, COR	ROSION PITS WERE F	OUND. SOME PITS W	VERE .008 AND .009 I	DEEP. INSTALLED NEW TU	JBE ASSEMBLY.		
710	49EA	BELL				ACTUATOR	DEFECTIVE		5/1/98
IEEA	51507	206L3				206062721109	M/R CONTROL		HEEA0014104
	ACTUATOR WILL	NOT ADJUST.							
710	6161A	BELL				ACTUATOR	FAILED		4/22/98
IEEA	51611	206L3				206062721109	M/R		HEEA0014033
	ACTUATOR INOPE	ERATIVE.							
5720	3905B	BELL				BELLCRANK ASSY	CHAFED		4/29/98
HEEA	45598	206L1				206001763001	ANTI TORQUE		HEEA0014049
	BELLCRANK CHA	FFED AT ROD END AT	TACH AREA. REPLAC	ED BELLCRANK WIT	TH SERVICEABLE PA	ART.			
170	828BA	BELL	ALLSN			DRAIN VALVE	CRACKED		11/19/97
RW8A	3426	206B	250C20J			6854255	BURNER		97ZZZX5131
	DURING 100-HOUR	R INSPECTION, BURNE	R DRAIN VALVE WA	S FOUND CRACKED I	UNDER O-RING BOS	S AREA.			
170	3905B	BELL				HOSE ASSY	CLOGGED		4/29/98
HEEA	45598	206L1				70031A202000	EXH DRAIN		HEEA0014050
	CLOGGED EXH CO	OLLECTOR DRAIN HOS	SE. REPLACED WITH	NEW HOSE.					
230	50046	BELL	ALLSN			CARBON SEAL	WORN	358	4/21/98
IEEA	45173	206L1	250C28B		23033191	23004513	ENG COMP		HEEA0014005
	ENGINE REMOVEI NEW SEAL.	D DUE TO TURBINE OV	VERHAUL. INSPECTION	ON OF COMPRESSOR	PARTS REVEALED:	: WORN BEYOND SERVICE	EABLE LIMITS ON SEAL H	OUSING TAN	GS. INSTALLED A
230	2764F	BELL	ALLSN			CARBON SEAL	WORN	368	4/21/98
IEEA	45279	206L1	250C28B		23033191	23004513	ENG COMP		HEEA0014008
	ENGINE REMOVE SLOTS. INSTALLE		OR HIGH TIME IMPEL	LER. INSPECTION OF	F COMPRESSOR PAR	RTS REVEALED: WORN BI	EYOND SERVICEABLE LIM	IITS ON SEAL	TANGS AND TANG

OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
7230	2770Y	BELL	ALLSN			GEAR	WORN	630	4/21/98
HEEA	45291	206L1	250C28B		23033191	23056634	SPUR ADAPTER		HEEA0014009
		D DUE TO TURBINE OV SAUGE) INSTALLED A N		ON OF COMPRESSOR	PARTS REVEALED	STEP WEAR BEYOND SER	RVICEABLE LIMITS ON SPU	UR GEARSHA	FT AFT SPLINES
7230	2772A	BELL	ALLSN			CARBON SEAL	WORN	352	4/21/98
HEEA	45311	206L1	250C28B		23033191	23004513	ENG COMP		HEEA0014006
	ENGINE REMOVE A NEW SEAL.	D DUE TO CRACKED SO	CROLL. INSPECTION	OF COMPRESSOR PA	ARTS REVEALED: V	VORN BEYOND SERVICEA	BLE LIMITS ON SEAL TAN	GS AND TAN	G SLOTS. INSTALLEI
7230	27766	BELL	ALLSN			GEARSHAFT	STEPWEAR	224	5/1/94
HEEA	45312	206L1	250C28B		23033191	23008090	SPUR ADAPTER		HEEA942141
		D DUE TO LOW POWER SPUR ADAPTER GEARS		OF COMPRESSOR PA	ARTS NOTED STEP	WEAR BEYOND LIMITS ON	I SPUR ADAPTER GEARSH	AFT FORWAI	RD AND AFT SPLINES
7230	8590X	BELL	ALLSN			GEARSHAFT	STEP WEAR	817	4/28/94
HEEA	51494	206L3	250C30P		23033193	23008090	SPUR ADAPTER		HEEA942140
		D DUE TO HIGH CYCLE SPUR ADAPTER GEARS		ISPECTION OF COMP	RESSOR PARTS NO	TED STEP WEAR BEYOND	LIMITS ON SPUR ADAPTE	R GEARSHAF	T AFT SPLINES.
7230	8592X	BELL	ALLSN			CARBON SEAL	WORN	928	4/21/98
HEEA	51508	206L3	250C30P		23051643	23004513	ENG COMP		HEEA0014007
	ENGINE REMOVE A NEW SEAL.	D DUE TO CRACKED SO	CROLL. INSPECTION	OF COMPRESSOR PA	ARTS REVEALED: V	VORN BEYOND SERVICEA	BLE LIMITS ON SEAL TAN	GS AND TAN	G SLOTS. INSTALLE
7250	49573	BELL	ALLSN			BEARING	FAILED	921	3/30/98
	1665	206B	250C20B			A6871505	TURBINE NR 5		0077771/02
			2000202			1100/1303	10113111211112		98ZZZX1682
	REMOVAL OF THI 01. THERE HAD B	L FLIGHT (EXTERNAL I E TURBINE MODULE, T BEEN NO PREVIOUS SIG	LOAD) AND SHUT-DO THE FORWARD HALF INS OF DISTRESS, I.E.	OF THE NR 5 BEARIN ., CHIP LIGHTS, ETC.	IG INNER CAGE FEI ENGINE OIL FILTEI	MAL NOISE WHILE TURNI LL OUT. (THIS IS A 1-PIECI R REMAINS CLEAN AT REN OULD HAVE OCCURRED I	NG ROTOR BACKWARDS T E UNIT, NOT 2) THIS BEAF MOVAL OF TURBINE. SUS	RING IS THE S PECT THAT E	N POSITION. UPON SUBJECT OF AD 96-19 BEARING FAILED
7250	REMOVAL OF THI 01. THERE HAD B	L FLIGHT (EXTERNAL I E TURBINE MODULE, T BEEN NO PREVIOUS SIG	LOAD) AND SHUT-DO THE FORWARD HALF INS OF DISTRESS, I.E.	OF THE NR 5 BEARIN ., CHIP LIGHTS, ETC.	IG INNER CAGE FEI ENGINE OIL FILTEI	MAL NOISE WHILE TURNI LL OUT. (THIS IS A 1-PIECI R REMAINS CLEAN AT REN	NG ROTOR BACKWARDS T E UNIT, NOT 2) THIS BEAF MOVAL OF TURBINE. SUS	RING IS THE S PECT THAT E ACED WITH (	N POSITION. UPON SUBJECT OF AD 96-19 BEARING FAILED
	REMOVAL OF THI 01. THERE HAD B AFTER SHUT DOV	L FLIGHT (EXTERNAL I E TURBINE MODULE, T GEEN NO PREVIOUS SIG VN IN THAT AT OPERA	LOAD) AND SHUT-DO HE FORWARD HALF INS OF DISTRESS, I.E. TIONAL SPEED NEAF	OF THE NR 5 BEARIN ., CHIP LIGHTS, ETC.	IG INNER CAGE FEI ENGINE OIL FILTEI	MAL NOISE WHILE TURNI LL OUT. (THIS IS A 1-PIECI R REMAINS CLEAN AT REN OULD HAVE OCCURRED I	NG ROTOR BACKWARDS TE UNIT, NOT 2) THIS BEAF MOVAL OF TURBINE. SUS IN MILLI-SECONDS. REPL	RING IS THE S PECT THAT E ACED WITH (	N POSITION. UPON SUBJECT OF AD 96-19 BEARING FAILED DEM BEARING.
	REMOVAL OF THI 01. THERE HAD B AFTER SHUT DOV 104PH 3622	L FLIGHT (EXTERNAL I E TURBINE MODULE, T EEN NO PREVIOUS SIG VN IN THAT AT OPERA' BELL 206B3	LOAD) AND SHUT-DO THE FORWARD HALF INS OF DISTRESS, I.E. FIONAL SPEED NEAF ALLSN 250C20B	OF THE NR 5 BEARIN ,, CHIP LIGHTS, ETC. R 60K RPM, MAJOR TU	IG INNER CAGE FEI ENGINE OIL FILTEI JRBINE DAMAGE W 6898735	MAL NOISE WHILE TURNII LL OUT. (THIS IS A 1-PIECI R REMAINS CLEAN AT REN OULD HAVE OCCURRED I COUPLING	NG ROTOR BACKWARDS T E UNIT, NOT 2) THIS BEAF MOVAL OF TURBINE. SUS IN MILLI-SECONDS. REPL WORN ENGINE N1	RING IS THE S PECT THAT E ACED WITH (	N POSITION. UPON BUBJECT OF AD 96-19 BEARING FAILED DEM BEARING. 4/21/98 HEEA0014002
HEEA	REMOVAL OF THI 01. THERE HAD B AFTER SHUT DOV 104PH 3622	L FLIGHT (EXTERNAL I E TURBINE MODULE, T EEN NO PREVIOUS SIG VN IN THAT AT OPERA' BELL 206B3	LOAD) AND SHUT-DO THE FORWARD HALF INS OF DISTRESS, I.E. FIONAL SPEED NEAF ALLSN 250C20B	OF THE NR 5 BEARIN ,, CHIP LIGHTS, ETC. R 60K RPM, MAJOR TU	IG INNER CAGE FEI ENGINE OIL FILTEI JRBINE DAMAGE W 6898735	MAL NOISE WHILE TURNI LL OUT. (THIS IS A 1-PIEC R REMAINS CLEAN AT REI OULD HAVE OCCURRED I COUPLING 6898977	NG ROTOR BACKWARDS T E UNIT, NOT 2) THIS BEAF MOVAL OF TURBINE. SUS IN MILLI-SECONDS. REPL WORN ENGINE N1	RING IS THE S PECT THAT E ACED WITH 0 697 NEW N1 COU	N POSITION. UPON BUBJECT OF AD 96-19 BEARING FAILED DEM BEARING. 4/21/98 HEEA0014002
HEEA 7250	REMOVAL OF THI 01. THERE HAD B AFTER SHUT DOV 104PH 3622 ENGINE REMOVE	L FLIGHT (EXTERNAL I E TURBINE MODULE, T GEEN NO PREVIOUS SIG VN IN THAT AT OPERA' BELL 206B3 ED DUE TO TURBINE OV	LOAD) AND SHUT-DO THE FORWARD HALF INS OF DISTRESS, I.E. FIONAL SPEED NEAR ALLSN 250C20B FERHAUL. UPON INS	OF THE NR 5 BEARIN ,, CHIP LIGHTS, ETC. R 60K RPM, MAJOR TU	IG INNER CAGE FEI ENGINE OIL FILTEI JRBINE DAMAGE W 6898735	MAL NOISE WHILE TURNII LL OUT. (THIS IS A 1-PIECI R REMAINS CLEAN AT REN OULD HAVE OCCURRED I COUPLING 6898977 II COUPLING FAILED NO-C	NG ROTOR BACKWARDS TE UNIT, NOT 2) THIS BEAF MOVAL OF TURBINE. SUS IN MILLI-SECONDS. REPL WORN ENGINE N1 GO GAUGE. INSTALLED A	RING IS THE S PECT THAT E ACED WITH 0 697 NEW N1 COU	N POSITION. UPON SUBJECT OF AD 96-19 BEARING FAILED DEM BEARING. 4/21/98 HEEA0014002 PLING.
HEEA 7250	REMOVAL OF THI 01. THERE HAD B AFTER SHUT DOV 104PH 3622 ENGINE REMOVE 27766 45312	L FLIGHT (EXTERNAL I E TURBINE MODULE, T SEEN NO PREVIOUS SIG VN IN THAT AT OPERA BELL 206B3 D DUE TO TURBINE OV BELL 206L1	LOAD) AND SHUT-DO THE FORWARD HALF INS OF DISTRESS, I.E. FIONAL SPEED NEAF ALLSN 250C20B VERHAUL. UPON INS ALLSN 250C28B	OF THE NR 5 BEARIN ,, CHIP LIGHTS, ETC. R 60K RPM, MAJOR TU PECTION OF TURBIN	IG INNER CAGE FEI ENGINE OIL FILTEI JRBINE DAMAGE W 6898735 E PARTS NOTED: N 23033185	MAL NOISE WHILE TURNII LL OUT. (THIS IS A 1-PIECI R REMAINS CLEAN AT REN OULD HAVE OCCURRED I COUPLING 6898977 II COUPLING FAILED NO-C	NG ROTOR BACKWARDS TE UNIT, NOT 2) THIS BEAF MOVAL OF TURBINE. SUS IN MILLI-SECONDS. REPL.  WORN ENGINE N1 GO GAUGE. INSTALLED A  STEPWEAR N1	RING IS THE S PECT THAT E ACED WITH 0 697 NEW N1 COU 320	N POSITION. UPON BUBJECT OF AD 96-19 BEARING FAILED DEM BEARING. 4/21/98 HEEA0014002 PLING. 5/1/94 HEEA942142
7250 HEEA 7250 HEEA	REMOVAL OF THI 01. THERE HAD B AFTER SHUT DOV 104PH 3622 ENGINE REMOVE 27766 45312	L FLIGHT (EXTERNAL I E TURBINE MODULE, T SEEN NO PREVIOUS SIG VN IN THAT AT OPERA BELL 206B3 D DUE TO TURBINE OV BELL 206L1	LOAD) AND SHUT-DO THE FORWARD HALF INS OF DISTRESS, I.E. FIONAL SPEED NEAF ALLSN 250C20B VERHAUL. UPON INS ALLSN 250C28B	OF THE NR 5 BEARIN ,, CHIP LIGHTS, ETC. R 60K RPM, MAJOR TU PECTION OF TURBIN	IG INNER CAGE FEI ENGINE OIL FILTEI JRBINE DAMAGE W 6898735 E PARTS NOTED: N 23033185	MAL NOISE WHILE TURNIS LL OUT. (THIS IS A 1-PIECI R REMAINS CLEAN AT REMOULD HAVE OCCURRED IN COUPLING 6898977  11 COUPLING FAILED NO-COUPLING 23032345	NG ROTOR BACKWARDS TE UNIT, NOT 2) THIS BEAF MOVAL OF TURBINE. SUS IN MILLI-SECONDS. REPL.  WORN ENGINE N1 GO GAUGE. INSTALLED A  STEPWEAR N1	RING IS THE S PECT THAT E ACED WITH 0 697  NEW N1 COU 320  ALLED NEW 1	N POSITION. UPON BUBJECT OF AD 96-19 BEARING FAILED DEM BEARING. 4/21/98 HEEA0014002 PLING. 5/1/94 HEEA942142
7250 HEEA	REMOVAL OF THI 01. THERE HAD B AFTER SHUT DOV  104PH 3622 ENGINE REMOVE 27766 45312 ENGINE REMOVE	L FLIGHT (EXTERNAL I E TURBINE MODULE, T GEEN NO PREVIOUS SIG WN IN THAT AT OPERA' BELL 206B3 D DUE TO TURBINE OV BELL 206L1 D DUE TO LOW POWER	LOAD) AND SHUT-DO THE FORWARD HALF INS OF DISTRESS, I.E. FIONAL SPEED NEAF ALLSN 250C20B TERHAUL. UPON INS ALLSN 250C28B R. UPON INSPECTION	OF THE NR 5 BEARIN ,, CHIP LIGHTS, ETC. R 60K RPM, MAJOR TU PECTION OF TURBIN	IG INNER CAGE FEI ENGINE OIL FILTEI JRBINE DAMAGE W 6898735 E PARTS NOTED: N 23033185	MAL NOISE WHILE TURNII LL OUT. (THIS IS A 1-PIECI R REMAINS CLEAN AT REN OULD HAVE OCCURRED I COUPLING 6898977 II COUPLING FAILED NO-C COUPLING 23032345 R BEYOND LIMITS ON N1 O	NG ROTOR BACKWARDS OF EUNIT, NOT 2) THIS BEAF MOVAL OF TURBINE. SUS IN MILLI-SECONDS. REPL.  WORN ENGINE N1 GO GAUGE. INSTALLED A STEPWEAR N1 COUPLING SPLINES. INSTA	RING IS THE S PECT THAT E ACED WITH 0 697  NEW N1 COU 320  ALLED NEW 1	N POSITION. UPON BUBJECT OF AD 96-19 BEARING FAILED DEM BEARING. 4/21/98 HEEA0014002 PLING. 5/1/94 HEEA942142 NI COUPLING.
7250 HEEA	REMOVAL OF THI 01. THERE HAD B AFTER SHUT DOV 104PH 3622 ENGINE REMOVE 27766 45312 ENGINE REMOVE 5737T 45454	L FLIGHT (EXTERNAL I E TURBINE MODULE, T BEEN NO PREVIOUS SIG WN IN THAT AT OPERA BELL 206B3 D DUE TO TURBINE OV BELL 206L1 D DUE TO LOW POWER BELL 206L1	LOAD) AND SHUT-DO THE FORWARD HALF INS OF DISTRESS, I.E. FIONAL SPEED NEAF ALLSN 250C20B ZERHAUL. UPON INS ALLSN 250C28B R. UPON INSPECTION ALLSN 250C28B	OF THE NR 5 BEARIN ,, CHIP LIGHTS, ETC. R 60K RPM, MAJOR TU PECTION OF TURBIN N OF TURBINE PARTS	IG INNER CAGE FEI ENGINE OIL FILTEI JRBINE DAMAGE W 6898735 E PARTS NOTED: N 23033185 NOTED STEP WEAL	MAL NOISE WHILE TURNII LL OUT. (THIS IS A 1-PIECI R REMAINS CLEAN AT REN OULD HAVE OCCURRED I COUPLING 6898977 II COUPLING FAILED NO-C COUPLING 23032345 R BEYOND LIMITS ON N1 O WHEEL	NG ROTOR BACKWARDS TE UNIT, NOT 2) THIS BEAF MOVAL OF TURBINE. SUS IN MILLI-SECONDS. REPL.  WORN ENGINE NI GO GAUGE. INSTALLED A  STEPWEAR NI COUPLING SPLINES. INSTA  SULFIDATION 1ST STSGE	RING IS THE S PECT THAT E ACED WITH 0 697  NEW N1 COU 320  ALLED NEW 1	N POSITION. UPON BUBJECT OF AD 96-19 BEARING FAILED DEM BEARING.  4/21/98 HEEA0014002 PLING.  5/1/94 HEEA942142 NI COUPLING.  4/25/94
7250 HEEA 7250 HEEA	REMOVAL OF THI 01. THERE HAD B AFTER SHUT DOV 104PH 3622 ENGINE REMOVE 27766 45312 ENGINE REMOVE 5737T 45454	L FLIGHT (EXTERNAL I E TURBINE MODULE, T BEEN NO PREVIOUS SIG WN IN THAT AT OPERA BELL 206B3 D DUE TO TURBINE OV BELL 206L1 D DUE TO LOW POWER BELL 206L1	LOAD) AND SHUT-DO THE FORWARD HALF INS OF DISTRESS, I.E. FIONAL SPEED NEAF ALLSN 250C20B ZERHAUL. UPON INS ALLSN 250C28B R. UPON INSPECTION ALLSN 250C28B	OF THE NR 5 BEARIN ,, CHIP LIGHTS, ETC. R 60K RPM, MAJOR TU PECTION OF TURBIN N OF TURBINE PARTS	IG INNER CAGE FEI ENGINE OIL FILTEI JRBINE DAMAGE W 6898735 E PARTS NOTED: N 23033185 NOTED STEP WEAL	MAL NOISE WHILE TURNIS LL OUT. (THIS IS A 1-PIECI R REMAINS CLEAN AT REMOULD HAVE OCCURRED IN COUPLING 6898977  11 COUPLING FAILED NO-COUPLING 23032345  R BEYOND LIMITS ON N1 OWNEEL 6895801	NG ROTOR BACKWARDS TE UNIT, NOT 2) THIS BEAF MOVAL OF TURBINE. SUS IN MILLI-SECONDS. REPL.  WORN ENGINE NI GO GAUGE. INSTALLED A  STEPWEAR NI COUPLING SPLINES. INSTA  SULFIDATION 1ST STSGE	RING IS THE S PECT THAT E ACED WITH 0 697  NEW N1 COU 320  ALLED NEW 1	N POSITION. UPON BUBJECT OF AD 96-19 BEARING FAILED DEM BEARING.  4/21/98 HEEA0014002 PLING.  5/1/94 HEEA942142 NI COUPLING.  4/25/94
HEEA 7250 HEEA	REMOVAL OF THI 01. THERE HAD B AFTER SHUT DOV  104PH 3622 ENGINE REMOVE 27766 45312 ENGINE REMOVE 5737T 45454 ENGINE REMOVE	L FLIGHT (EXTERNAL I E TURBINE MODULE, T BEEN NO PREVIOUS SIG WN IN THAT AT OPERA  BELL 206B3 D DUE TO TURBINE OV  BELL 206L1 D DUE TO LOW POWER  BELL 206L1 D DUE TO TURBINE OV	LOAD) AND SHUT-DO THE FORWARD HALF INS OF DISTRESS, I.E. FIONAL SPEED NEAF ALLSN 250C20B TERHAUL. UPON INS ALLSN 250C28B R. UPON INSPECTION ALLSN 250C28B TERHAUL. UPON INSPECTION ALLSN 250C28B TERHAUL. UPON INS	OF THE NR 5 BEARIN ,, CHIP LIGHTS, ETC. R 60K RPM, MAJOR TU PECTION OF TURBIN N OF TURBINE PARTS	IG INNER CAGE FEI ENGINE OIL FILTEI JRBINE DAMAGE W 6898735 E PARTS NOTED: N 23033185 NOTED STEP WEAL	MAL NOISE WHILE TURNII LL OUT. (THIS IS A 1-PIECI R REMAINS CLEAN AT REN OULD HAVE OCCURRED I COUPLING 6898977 II COUPLING FAILED NO-C COUPLING 23032345 R BEYOND LIMITS ON N1 C WHEEL 6895801 ULFIDATION ON 1ST STAG	NG ROTOR BACKWARDS OF EUNIT, NOT 2) THIS BEAF MOVAL OF TURBINE. SUS IN MILLI-SECONDS. REPL.  WORN ENGINE NI GO GAUGE. INSTALLED A STEPWEAR NI COUPLING SPLINES. INSTA SULFIDATION 1ST STSGE E WHEEL BLADES.	RING IS THE S PECT THAT E ACED WITH ( 697  NEW N1 COU 320  ALLED NEW 1 1489	N POSITION. UPON BUBJECT OF AD 96-19 BEARING FAILED DEM BEARING. 4/21/98 HEEA0014002 PLING. 5/1/94 HEEA942142 NI COUPLING. 4/25/94 HEEA942143
7250 HEEA 7250 HEEA	REMOVAL OF THI 01. THERE HAD B AFTER SHUT DOW  104PH 3622 ENGINE REMOVE 27766 45312 ENGINE REMOVE 5737T 45454 ENGINE REMOVE 2250U 45754	L FLIGHT (EXTERNAL I E TURBINE MODULE, T BEEN NO PREVIOUS SIG WN IN THAT AT OPERA  BELL 206B3 D DUE TO TURBINE OV  BELL 206L1 D DUE TO LOW POWER  BELL 206L1 D DUE TO TURBINE OV  BELL 206L1 D DUE TO TURBINE OV  BELL 206L1	LOAD) AND SHUT-DO THE FORWARD HALF INS OF DISTRESS, I.E. FIONAL SPEED NEAF ALLSN 250C20B ZERHAUL. UPON INS ALLSN 250C28B R. UPON INSPECTION ALLSN 250C28B ZERHAUL. UPON INS ALLSN 250C28B ZERHAUL. UPON INS ALLSN 250C28B	OF THE NR 5 BEARIN , CHIP LIGHTS, ETC. R 60K RPM, MAJOR TU PECTION OF TURBIN OF TURBINE PARTS PECTION OF TURBIN	IG INNER CAGE FEI ENGINE OIL FILTEI JRBINE DAMAGE W  6898735 E PARTS NOTED: N  23033185 NOTED STEP WEAD  23031899 E PARTS NOTED SU  23033185	MAL NOISE WHILE TURNISTLE OUT. (THIS IS A 1-PIECE REMAINS CLEAN AT REMOULD HAVE OCCURRED IN COUPLING 6898977  IT COUPLING 23032345  R BEYOND LIMITS ON N1 OWHEEL 6895801  JUFIDATION ON 1ST STAG WHEEL	NG ROTOR BACKWARDS TE UNIT, NOT 2) THIS BEAF MOVAL OF TURBINE. SUSTIN MILLI-SECONDS. REPL.  WORN ENGINE NI GO GAUGE. INSTALLED A STEPWEAR NI COUPLING SPLINES. INSTA SULFIDATION 1ST STSGE E WHEEL BLADES. SULFIDATION 1ST STAGE	RING IS THE S PECT THAT E ACED WITH C 697  NEW N1 COU 320  ALLED NEW N 1489	N POSITION. UPON UUBJECT OF AD 96-1 BEARING FAILED DEM BEARING.  4/21/98 HEEA0014002 PLING.  5/1/94 HEEA942142 N1 COUPLING.  4/25/94 HEEA942143  5/18/94 HEEA942240
7250 HEEA 7250 HEEA 7250 HEEA	REMOVAL OF THI 01. THERE HAD B AFTER SHUT DOW  104PH 3622 ENGINE REMOVE 27766 45312 ENGINE REMOVE 5737T 45454 ENGINE REMOVE 2250U 45754 ENGINE WAS REM	L FLIGHT (EXTERNAL I E TURBINE MODULE, T EEEN NO PREVIOUS SIG WN IN THAT AT OPERA  BELL 206B3 D DUE TO TURBINE OV  BELL 206L1 D DUE TO LOW POWER  BELL 206L1 D DUE TO TURBINE OV  BELL 206L1 D DUE TO TURBINE OV  BELL 206L1 D DUE TO TURBINE OV  BELL 206L1	LOAD) AND SHUT-DO THE FORWARD HALF INS OF DISTRESS, I.E. FIONAL SPEED NEAF ALLSN 250C20B ZERHAUL. UPON INS ALLSN 250C28B R. UPON INSPECTION ALLSN 250C28B ZERHAUL. UPON INS ALLSN 250C28B ZERHAUL. UPON INS ALLSN 250C28B ZERHAUL. UPON INS ALLSN 250C28B ALLSN 250C28B	OF THE NR 5 BEARIN , CHIP LIGHTS, ETC. R 60K RPM, MAJOR TU PECTION OF TURBIN OF TURBINE PARTS PECTION OF TURBIN	IG INNER CAGE FEI ENGINE OIL FILTEI JRBINE DAMAGE W  6898735 E PARTS NOTED: N  23033185 NOTED STEP WEAD  23031899 E PARTS NOTED SU  23033185	MAL NOISE WHILE TURNII LL OUT. (THIS IS A 1-PIECI R REMAINS CLEAN AT REN OULD HAVE OCCURRED I COUPLING 6898977 II COUPLING FAILED NO-C COUPLING 23032345 R BEYOND LIMITS ON N1 C WHEEL 6895801 JUFIDATION ON 1ST STAG WHEEL 6895801 NE PARTS NOTED SULFICA	NG ROTOR BACKWARDS OF EUNIT, NOT 2) THIS BEAF MOVAL OF TURBINE. SUS IN MILLI-SECONDS. REPL.  WORN ENGINE NI GO GAUGE. INSTALLED A STEPWEAR NI COUPLING SPLINES. INSTA SULFIDATION 1ST STSGE E WHEEL BLADES. SULFIDATION 1ST STAGE ATION ON 1ST STAGE WHI	RING IS THE S PECT THAT E ACED WITH C 697  NEW N1 COU 320  ALLED NEW N 1489	N POSITION. UPON BUBJECT OF AD 96-1 BEARING FAILED DEM BEARING.  4/21/98 HEEA0014002 PLING.  5/1/94 HEEA942142 NI COUPLING.  4/25/94 HEEA942143  5/18/94 HEEA942240 PART SCRAPPED.
7250 HEEA 7250 HEEA	REMOVAL OF THI 01. THERE HAD B AFTER SHUT DOW  104PH 3622 ENGINE REMOVE 27766 45312 ENGINE REMOVE 5737T 45454 ENGINE REMOVE 2250U 45754	L FLIGHT (EXTERNAL I E TURBINE MODULE, T BEEN NO PREVIOUS SIG WN IN THAT AT OPERA  BELL 206B3 D DUE TO TURBINE OV  BELL 206L1 D DUE TO LOW POWER  BELL 206L1 D DUE TO TURBINE OV  BELL 206L1 D DUE TO TURBINE OV  BELL 206L1	LOAD) AND SHUT-DO THE FORWARD HALF INS OF DISTRESS, I.E. FIONAL SPEED NEAF ALLSN 250C20B ZERHAUL. UPON INS ALLSN 250C28B R. UPON INSPECTION ALLSN 250C28B ZERHAUL. UPON INS ALLSN 250C28B ZERHAUL. UPON INS ALLSN 250C28B	OF THE NR 5 BEARIN , CHIP LIGHTS, ETC. R 60K RPM, MAJOR TU PECTION OF TURBIN OF TURBINE PARTS PECTION OF TURBIN	IG INNER CAGE FEI ENGINE OIL FILTEI JRBINE DAMAGE W  6898735 E PARTS NOTED: N  23033185 NOTED STEP WEAD  23031899 E PARTS NOTED SU  23033185	MAL NOISE WHILE TURNISTLE OUT. (THIS IS A 1-PIECE REMAINS CLEAN AT REMOULD HAVE OCCURRED IN COUPLING 6898977  IT COUPLING FAILED NO-COUPLING 23032345  REBEYOND LIMITS ON NI OWHEEL 6895801  JUFIDATION ON 1ST STAGWHEEL 6895801	NG ROTOR BACKWARDS TE UNIT, NOT 2) THIS BEAF MOVAL OF TURBINE. SUSTIN MILLI-SECONDS. REPL.  WORN ENGINE NI GO GAUGE. INSTALLED A STEPWEAR NI COUPLING SPLINES. INSTA SULFIDATION 1ST STSGE E WHEEL BLADES. SULFIDATION 1ST STAGE	RING IS THE S PECT THAT E ACED WITH C 697  NEW N1 COU 320  ALLED NEW N 1489	N POSITION. UPON UUBJECT OF AD 96-1 BEARING FAILED DEM BEARING.  4/21/98 HEEA0014002 PLING.  5/1/94 HEEA942142 N1 COUPLING.  4/25/94 HEEA942143  5/18/94 HEEA942240

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
7261	108W	BELL	ALLSN			TUBE	CHAFED	2100	3/12/98
	52034	206L4	250C30P			23058110A	SCAVENGE OIL		98ZZZX1701
****	THIS IS SCAVENG AND OIL LINE AN	E OIL LINE FROM BOT	TOM OF COMPRESSO OIL LINE TO THE PO	OR TO THE N1 SIDE O INT OF FAILURE. TH	F GEARBOX. ABRA E NEED EXISTS FOR	L ENGINE TO ORIGINAL EI SIVE DUST AND AIRBORN R CLAMPING DEVICES TH RE.	NE DIRT CREEPS IN BETW	EEN HARD RU	JBBER ADEL CLAMP
7712	20898	BELL				TORQUEMETER	FAILED		4/29/98
HEEA	45721	206L1				206075739103	COCKPIT		HEEA0014077
	TORQUEMETER N	IEEDLE DOESN'T RETU	RN TO ZERO.						
3455	5736Ј	BELL				RECEIVER	FAILED		4/29/98
HEEA	31140	212				066104701	COCKPIT ADF		HEEA0014058
	ADF RECEIVER W NO HELP.	EAK RECEIVE AND NO	T POINTING CORREC	CTLY IN ADF MODE.	INSPECTED AND FO	OUND ADF MODE SIGNAL	WEAK AND NOT POINTIN	IG. TRIED AL	IGNING RECEIVER.
3457	2FOR	BELL				GPS	DEFECTIVE		4/23/94
HEEA	30888	212			SKYNAV5000	0845000000	COCKPIT		HEEA942185
	INTERMITTENTLY	Y DISPLAYS CHARACT	ERS.						
6220	1079U	BELL				BEARING	WORN	1176	5/9/94
HEEA	31122	212				212011112103	M/R		HEEA942149
	ROLLER BEARING	G TEFLON COATING WO	ORN OFF.						
6220	1079U	BELL				BEARING	WORN	1176	5/9/94
HEEA	31122	212				212011111103	M/R		HEEA942148
	ROLLER BEARING	G TEFLON COATING WO	ORN OFF.						
2210	59805	BELL				INDICATOR	FAILED		4/29/98
HEEA	28141	214ST				214175259103	ELEV POSITION		HEEA0014085
	ELEV POSITION IN	NDICATOR INOPERATION	VE.						
2312	59806	BELL				CONTROL	FAILED		4/29/98
HEEA	28140	214ST				071121540	COMM SYS		HEEA0014088
		G KNOB COMES OUT OF ED UNIT. BENCH CHEC		HEN PULLED. PERFO	RMED PRELIMINA	RY INSPECTION. FOUND I	OOSE LOCK RING IN UNI	T. REINSTAL	LED LOCK RING,
2435	8045T	BELL				STARTER	FAILED	762	4/27/98
HEEA	28101	214ST				214060056103	ENGINE		HEEA0014034
	DURING 250 HOUR	R INSPECTION FOUND	CLUTCH FAILED TO	RQUE SLIPPAGE TES	T WAS AT 250 IN. LI	BS. AND END PLAY WAS A	AT .014 LIMITS ARE .0040	10.	
2435	6957Y	BELL				STARTER	FAILED		4/22/98
HEEA	28139	214ST				214060056103	START/GEN		HEEA0014028
	STARTER KICKS O	OFF EARLY ON START I	JP.						
2435	59806	BELL				STARTER	FAILED	1305	4/20/98
HEEA	28140	214ST				214060056103	ENGINE		HEEA0013990
	STARTER WILL NO	OT DISENGAGE WHEN	APPROPRIATE NG%	IS ACHIEVED MUST	BE MANUALLY DI				

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
2435	59806	BELL				STARTER	MALFUNCTION		4/28/98
HEEA	28140	214ST				2CM272B1	ENGINE		HEEA0014037
	DRAWS HIGH VO	LTAGE DURING START	UP.						
2435	59806	BELL				STARTER	FAILED	75	4/27/98
HEEA	28140	214ST				214060056103	ENGINE		HEEA0014035
	KICKS OUT DURI	NG START AND HIGH V	OLTAGE DRAW.						
3421	59806	BELL				GYRO	FAILED		4/29/98
HEEA	28140	214ST				258719343	COCKPIT		HEEA0014072
	GYRO WILL NOT	BECOME VALID.							
6220	8045T	BELL				SPINDLE	CRACKED	2945	4/29/98
HEEA	28101	214ST			214010100207	214010103115	M/R		HEEA0014089
	EAR CRACKED IN	MOUNT AREA APPRO	X. 2 INCHES ON BOTH	I SIDES, ON LOWER	SIDE OF TRAILING E	EDGE OF WHITE BLADE. S	CRAPPED PART.		
6220	8045T	BELL				SPINDLE	CRACKED		4/27/98
HEER	28101	214ST			214010100207	214010103115	M/R HUB		98ZZZX1700
****							ED. THE CRACK WAS DET O A CATASTROPHIC ACC		NG A DAILY VISUAL
6230	8045T	BELL				SWASHPLATE	LOOSE	2911	4/20/98
HEEA	28101	214ST				214010500105	M/R		HEEA0013984
	SWASHPLATE LO	WER HUB NUT FOUND	UNDER TORQUE.						
6510	8045T	BELL				SHAFT ASSY	CORRODED		4/22/98
HEEA	28101	214ST				214040622005	T/R		HEEA0014021
	EXCESSIVE CORR	OSION. SCRAPPED LO	CALLY.						
6510	8045T	BELL							
HEEA						SHAFT ASSY	CORRODED		4/22/98
	28101	214ST				SHAFT ASSY 214040622005	CORRODED T/R		4/22/98 HEEA0014020
		214ST OSION. SCRAPPED LOG	CALLY.						
6510			CALLY.						
	EXCESSIVE CORR	OSION. SCRAPPED LO	CALLY.			214040622005	T/R		HEEA0014020
6510	EXCESSIVE CORR 8045T 28101	OSION. SCRAPPED LOG BELL				214040622005 SHAFT ASSY	T/R CORRODED		HEEA0014020 4/22/98
6510	EXCESSIVE CORR 8045T 28101	OSION. SCRAPPED LOC BELL 214ST OSION. SCRAPPED LOC				214040622005 SHAFT ASSY	T/R CORRODED		HEEA0014020 4/22/98
6510 HEEA	EXCESSIVE CORR 8045T 28101 EXCESSIVE CORR	OSION. SCRAPPED LOC BELL 214ST				214040622005 SHAFT ASSY 214040622005	T/R  CORRODED  T/R		HEEA0014020 4/22/98 HEEA0014019
6510 HEEA	EXCESSIVE CORR 8045T 28101 EXCESSIVE CORR 8045T 28101	OSION. SCRAPPED LOC BELL 214ST OSION. SCRAPPED LOC BELL	CALLY.			214040622005 SHAFT ASSY 214040622005 SHAFT ASSY	T/R  CORRODED  T/R  CORRODED		HEEA0014020 4/22/98 HEEA0014019 4/22/98
6510 HEEA 6510 HEEA	EXCESSIVE CORR  8045T 28101 EXCESSIVE CORR  8045T 28101 EXCESSIVE CORR	OSION. SCRAPPED LOC BELL 214ST OSION. SCRAPPED LOC BELL 214ST OSION. SCRAPPED LOC	CALLY.			214040622005 SHAFT ASSY 214040622005 SHAFT ASSY 214040622005	T/R  CORRODED  T/R  CORRODED  T/R		HEEA0014020 4/22/98 HEEA0014019 4/22/98 HEEA0014022
6510 HEEA	EXCESSIVE CORR 8045T 28101 EXCESSIVE CORR 8045T 28101	OSION. SCRAPPED LOC BELL 214ST OSION. SCRAPPED LOC BELL 214ST	CALLY.			214040622005 SHAFT ASSY 214040622005 SHAFT ASSY	T/R  CORRODED  T/R  CORRODED		HEEA0014020 4/22/98 HEEA0014019 4/22/98
6510 HEEA 6510 HEEA	EXCESSIVE CORR  8045T 28101 EXCESSIVE CORR  8045T 28101 EXCESSIVE CORR  6957Y 28139	OSION. SCRAPPED LOC BELL 214ST OSION. SCRAPPED LOC BELL 214ST OSION. SCRAPPED LOC BELL	CALLY.			214040622005  SHAFT ASSY 214040622005  SHAFT ASSY 214040622005  SHAFT ASSY	T/R  CORRODED T/R  CORRODED T/R  CORRODED		HEEA0014020  4/22/98 HEEA0014019  4/22/98 HEEA0014022
6510 HEEA 6510 HEEA 6510 HEEA	EXCESSIVE CORR  8045T 28101 EXCESSIVE CORR  8045T 28101 EXCESSIVE CORR  6957Y 28139 EXCESSIVE CORR	OSION. SCRAPPED LOC  BELL 214ST OSION. SCRAPPED LOC  BELL 214ST OSION. SCRAPPED LOC  BELL 214ST OSION. SCRAPPED LOC	CALLY.			214040622005  SHAFT ASSY 214040622005  SHAFT ASSY 214040622005  SHAFT ASSY 214040622005	T/R  CORRODED  T/R  CORRODED  T/R  CORRODED  T/R		HEEA0014020  4/22/98 HEEA0014019  4/22/98 HEEA0014022  4/22/98 HEEA0014023
6510 HEEA 6510 HEEA	EXCESSIVE CORR  8045T 28101 EXCESSIVE CORR  8045T 28101 EXCESSIVE CORR  6957Y 28139	OSION. SCRAPPED LOC BELL 214ST OSION. SCRAPPED LOC BELL 214ST OSION. SCRAPPED LOC BELL 214ST	CALLY.			214040622005  SHAFT ASSY 214040622005  SHAFT ASSY 214040622005  SHAFT ASSY	T/R  CORRODED T/R  CORRODED T/R  CORRODED		HEEA0014020  4/22/98 HEEA0014019  4/22/98 HEEA0014022

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7931	59805	BELL				INDICATOR	FAILED		4/29/98
HEEA	28141	214ST				1179405807	ENG OIL		HEEA0014073
	PRESSURE NEEDI	E FLUCTUATES WHEN	VIBRATED.						
2432	6992	BELL				BATTERY	FAILED	16	4/29/98
HEEA	47521	222U				RG380E44	DC SYS		HEEA0014038
	IN ONE HOUR. VO						CRAFT, VOLTAGE DROPPED 69:05 AIRCRAFT HOURS ON		
5610	230UN	BELL				VENT WINDOW	HINGE BROKE	1256	5/17/94
HEEA	23009	230				222031290117	CO-PILOT VENT		HEEA942203
	HINGES BROKE O	FF CO-PILOT'S VENT W	INDOW.						
7261	230UN	BELL				SHAFT SEAL	LEAK	524	4/29/94
HEEA	23009	230				6854424	NR 2 ENG		HEEA942146
	NR2 ENGINE HAS	OIL LEAK. REMOVED	AND REPLACED GAR	LOCK SEAL.					
2435	407PH	BELL				BRUSH	WORN	1817	4/20/98
HEEA	53003	407				206062200123	START/GEN		HEEA0013982
	PERFORMED 300 I	HOUR INSPECTION AN	D FOUND BRUSHES E	EXCESSIVELY WORN	. REPLACED BRUSH	IES AND PACKING.			
2821	407PH	BELL				VALVE	LEAKS		4/30/98
HEEA	53003	407				206061634003	FUEL FILTER		HEEA0014093
	VALVE LEAKS.								
3212	407PH	BELL				GAUGE	CONTAMINATED		4/29/98
HEEA	53003	407				212073905001	FLOAT PRESS		HEEA0014067
	MOISTURE IN GA	UGE.							
3212	407MM	BELL				GAUGE	CONTAMINATED		4/29/98
HEEA	53060	407				212073905001	FLOAT PRESS		HEEA0014068
	MOISTURE IN GA	UGE							
5302	417AL	BELL				SKIN	DENTED		4/22/98
ALGR	53054	407					TAILBOOM		98ZZZX1705
							VARD OF THE AFT END OF THE TAILBOOM WHILE THE R		
5532	437PH	BELL				FIN ASSEMBLY	DAMAGED		4/28/98
HEEA	53072	407				206020113229	VERT FIN		HEEA0014036
	INSPECTED VERT	ICAL FIN AS PER ASB4	07-98-17 FOR CUTS A	ND SCRATCHES. TH	E ALLOWABLE DEF	TH WAS .020. THE TWO C	UTS FOUND WERE .017 AND	.024 DEEP.	SCRAPPED PART.
6321	406PH	BELL				TRANSMITTER	FAILED		4/30/98
HEEA	53198	407				222375077113	TRANSMISSION		HEEA0014096
	GAUGE READS ZE	ERO OIL PRESSURE.							
6410	457AL	BELL				BLADE	CRACKED	1257	9/29/97
ALGR	53151	407			407012101107	406016100119	T/R		97ZZZX5133
	POST-FLIGHT FOU	JND TAILROTOR BLAD	E CRACKED AT INBO	OARD RADIUS INSID	E TOWARD LEADIN	G EDGE. POSSIBLY STAR	TED AT CORROSION SPOT.		

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6510	CGOFL	BELL				DISK COUPLING	CRACKED		4/30/98
HEEA	53130	407				406040340101	T/R DRIVE		HEEA0014098
	ONE DISK CRACK	ED ON NR7 THOMAS C	OUPLING PACK.						
6720	407MM	BELL				LINK	WORN		4/30/98
HEEA	53060	407				406312103101	T/R		HEEA0014097
	TAIL ROTOR PITC	H CHANGE LINK HAS I	EXCESSIVE MECHAN	NICAL WEAR.					
7261	407MM	BELL				FILTER ELEMENT	CLOGGED		4/29/98
HEEA	53060	407				23063144	ENG OIL		HEEA0014047
	ON DAILY INSPEC	TION FOUND OIL FILT	ER BYPASS BUTTON	POPPED. REPLACED	WITH SERVICEABI	LE FILTER.			
7714	1167G	BELL				INDICATOR	INTERMITTENT		4/30/98
HEEA	53067	407				407375002103	ENG NG		HEEA0014099
	NG INDICATOR IN	TERMITTENT INOPER	ATIVE.						
2210	23023	BELL				TARSYN	FAILED		4/29/98
HEEA	33080	412				2593996333	AUTO FLIGHT		HEEA0014071
	FAILS TEST 6.2 ON	SST. COMPASS CARD	WILL NOT MOVE.						
2210	2148K	BELL				COMPUTER	FAILED		4/20/98
HEEA	36001	412				7000298901	AFCS		HEEA0013988
	AFCS COMPUTER	FAILED. ROLL ACTUA	TOR HUNTS BOTH I	DIRECTIONS.					
2312	3893L	BELL				TRANSEIVER	DEFECTIVE		4/29/98
HEEA	33006	412				7001840913	COCKPIT DISPLAY		HEEA0014087
	50,250,400, AND 12	00 LEDS WILL NOT LIG	GHT.						
2312	3893S	BELL				TRANSCEIVER	GARBLED		2/7/94
HEEA	33022	412			KTR905	064100900	COCKPIT		HEEA942169
	GARBLED. SENT T	O ALLIED SIGNAL AV	IONICS FOR INSPECT	ΓΙΟΝ AND REPAIR.					
2312	2258F	BELL				TRANSCEIVER	MALFUNCTION		4/29/98
HEEA	33073	412				7001840913	COCKPIT		HEEA0014079
	TRANSCEIVER PO	WER OUT FLUCTUATE	ES WHEN VIBRATED.	•					
2312	23023	BELL				COMM CONTROL	DEFECTIVE		4/19/94
HEEA	33080	412				071121540	COCKPIT		HEEA942182
	DIGITS TOO DIM I FREQUENCY. REP		ED DISPLAY DS901 A	AND FRONT LENS ON	FACEPLATE. ALSO	REPLACED TRANSFER S	WITCH S102 FOR INTERMIT	TENT TRAN	ISFER OF
2312	141PH	BELL				TRANSCEIVER	MALFUNCTION		4/29/98
HEEA	33197	412				7001840913	COCKPIT		HEEA0014078
	TRANSCEIVER PO	WER OUT FLUCTUATE	ES WHEN VIBRATED.						
2312	33008	BELL				COMM CONTROL	DEFECTIVE		4/26/94
HEEA	36004	412				071121540	COCKPIT		HEEA942183
	CANNOT CHANGE REPAIRED PROBL	~	LL KNOB. CLEANED	KHZ SELECTOR SW	ITCH S104. ALSO FO	OUND INTERMITTENT TRA	ANSFER SWITCH S102. REPL	LACED TRA	NSFER SWITCH S102.

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2370	22608	BELL				CVR	FAILED		4/29/98
HEEA	33075	412				9806020023	COCKPIT		HEEA0014054
	CVR CAUSES THE	"TEST" LIGHT TO STA	Y ILLUMINATED COM	ISTANTLY.					
2370	2298Z	BELL				CVR	MALFUNCTION	3885	4/22/98
HEEA	33077	412				9806019001	COCKPIT		HEEA0014012
	CVR NEEDS EVAL	UATION.							
2436	23023	BELL				CONTROL UNIT	FAILED		5/1/98
HEEA	33080	412				51509002R	DC SYS		HEEA0014106
	GENERATOR WOL	JLD NOT COME ON LIN	E.						
2611	22608	BELL				SMOKE DETECTOR	FAILED		4/20/98
HEEA	33075	412				302319	FUSELAGE		HEEA0013987
	SMOKE DET FAILS	S FUNCTION TEST.							
2820	293CA	BELL				VALVE	FAILED		4/29/98
HEEA	33005	412				233565	FUEL SYS		HEEA0014069
	VALVE INOPERAT	IVE.							
2822	2258F	BELL				CIRCUIT BREAKER	FAILED		10/12/94
HEEA	33073	412				MS22073705	LT BOOST PUMP		94ZZZX6877
	LEFT BOOST PUM	P WARNING LIGHT CA	ME ON IN-FLIGHT. C	IRCUIT BREAKER T	RIPPED AND WOULI	NOT RESET. IPC FIGURE	96-39-5.		
2822	107X	BELL				PUMP	FAILED		4/22/98
HEEA	33113	412				205060606003	BOOST		HEEA0014018
	TURNS AT VERY S	SLOW SPEED AND THE	N POPS CIRCUIT BRE	AKER.					
2840	7128R	BELL				SWITCH	FAILED		10/12/94
HEEA	36007	412				42D218	NR 2 FUEL FILTER		94ZZZX6876
	IN-FLIGHT, NR 2 E	NGINE FUEL FILTER L	GHT ILLUMINATED.	IPC FIGURE 71-2, IT	TEM 57.				
2842	293CA	BELL				PROBE	FAILED		4/29/98
HEEA	33005	412				391046199	FUEL QTY		HEEA0014084
	FUEL QTY SENSOR	R CHAFED WIRE AND T	ROUBLESHOOTING.						
3120	108X	BELL				CLOCK	MALFUNCTION		4/22/98
HEEA	33115	412				212075514001	COCKPIT		HEEA0014031
	CLOCK LOSES TIM	MES.							
3414	7128R	BELL				INDICATOR	DEFECTIVE		4/20/98
HEEA	36007	412				412075009105	COCKPIT		HEEA0013986
	AIRSPEED IND EX	CESSIVE CASE LEAKA	GE AND READ OUT O	F TOLERANCE.					
3416	293CA	BELL				ALTIMETER	FAILED		4/29/98
HEEA	33005	412				5035P2P44	COCKPIT ENCODE		HEEA0014082
	ENCODER READS	OUT OF TOLERANCE A	T 10,000 FEET AND A	ABOVE.					

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3416	293CA	BELL				ALTIMETER	ERROR		4/29/98
HEEA	33005	412				5035P2P44	COCKPIT ENCODE		HEEA0014083
	ENCODING ALT I	NDICATES 200 FEET LO	W OUT OF TOLERAN	ICE.					
3416	2261D	BELL				ALTIMETER	DEFECTIVE		3/3/94
HEEA	33076	412				1003511326	COCKPIT		HEEA942217
	ALTIMETER HAS	EXCESSIVE FRICTION E	ERROR.						
3421	3893N	BELL				INDICATOR	FAILED		5/1/98
HEEA	33010	412				1113034	FLT DIRECTOR		HEEA0014108
	FD FLAG NOT RET	TRACTING WHEN POWI	ER IS ON.						
3421	108X	BELL				INDICATOR	FAILED		5/1/98
HEEA	33115	412				1113034	COCKPIT		HEEA0014109
	ATTITUDE INDICA	ATOR WILL NOT OPERA	ATE IN PITCH.						
3425	2298Z	BELL				INDICATOR	ERRATIC		4/16/94
HEEA	33077	412				1113025	COCKPIT HSI		HEEA942223
	CROSS TRACK DE	VIATION POINTER HAS	S A ERRATIC OPERAT	ΓΙΟΝ.					
3425	22347	BELL				INDICATOR	STICKS		4/29/98
HEEA	36005	412				1113025	COCKPIT		HEEA0014081
	HSI INDICATOR H	EADING SET POINTER	STICKS INTERMITTE	ENTLY.					
3444	108X	BELL				INDICATOR	STICKS		4/29/98
HEEA	33115	412				7000839904	RADAR ALT		HEEA0014080
	RADAR ALT NEEL	DLE STICKS AT 210 FEE	T.						
5260	293CA	BELL				ACTUATOR	FAILED	11	4/21/98
HEEA	33005	412				212075418105	STEP		HEEA0013998
	STEP ACTUATOR	INOPERATIVE.							
5260	293CA	BELL				ACTUATOR	FAILED	8	4/21/98
HEEA	33005	412				212075418105	STEP		HEEA0013997
	STEP ACTUATOR	INOPERATIVE.							
5260	293CA	BELL				ACTUATOR	STRIPPED	365	4/21/98
HEEA	33005	412				212075418105	STEP		HEEA0013996
	ACTUATOR INTER	RNAL GEAR SEEMS TO	BE STRIPPED.						
5260	33008	BELL				MOTOR	FAILED		4/8/94
HEEA	36004	412			SYLC502281	FYLM735023	STEP		HEEA942138
	STEP WILL NOT E	XTEND. MOTOR INSPE	CTED BY ACCESSOR	Y SHOP AND FOUNI	DEAD SPOT ON TH	IE ARMATURE.			
	2258F	BELL				BOLT	COATING CHIPPED	1036	5/18/94
5220									

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6220	2258F	BELL				BOLT	COATING CHIPPED	1036	5/18/94
HEEA	33073	412			412010100193	412010124109	M/R		HEEA942243
	CARBIDE COATIN	IG CHIPPED BEYOND L	IMITS. SEE MMIR'S #	2243 THROUGH #224	5 FOR ADDITIONAL	BOLTS. BOLT S/N A357 &	A365.		
6220	2258F	BELL				BOLT	COATING CHIPPED	1036	5/18/94
HEEA	33073	412			412010100193	412010124109	M/R		HEEA942244
	CARBIDE COATIN	IG CHIPPED BEYOND L	IMITS. SEE MMIR'S #	2243 THROUGH #224	5 FOR ADDITIONAL	BOLTS. BOLT S/N A390,	A393 & A440.		
6220	2261D	BELL				BOLT	DEFECTIVE	580	5/18/94
HEEA	33076	412				412010124109	M/R		HEEA942208
	CARBIDE COATIN	IG FLAKING FROM BOL	T. BOLT S/N A23, A2	9, & A745.					
6220	2148K	BELL				BEARING	WORN	456	4/17/94
HEEA	36001	412			412010406115	412310400107	M/R LINK		HEEA942230
	BEARING WORN I	BEYOND LIMITS.							
6220	2148K	BELL				BEARING	WORN	456	4/17/94
HEEA	36001	412			412010406115	412310400107	M/R LINK		HEEA942229
	BEARING WORN I	BEYOND LIMITS.							
6220	7128R	BELL				BEARING	WORN	722	4/28/94
HEEA	36007	412			412010406115	412310400107	M/R LINK		HEEA942231
	BEARING WORN I	BEYOND LIMITS.							
6240	142PH	BELL				DETECTOR	FAILED		4/21/98
HEEA	33150	412				214074280107	RPM LIMIT		HEEA0013999
	RPM LIMIT AUDIO	DISABLED.							
6420	1202T	BELL				HUB ASSY	WORN		4/29/98
HEEA	33112	412				212011701101	T/R FEATHER BRG		HEEA0014064
	T/R HUB ASSY WO	ORN FEATHERING BEA	RING. REPLACED BE	ARINGS AND RETUR	NED TO SERVICE.				
2612	CFHFW	BOEING				FIRE DETECTOR	FAILED		3/23/98
CHIR	107	1072				473275	OUTBOARD		CHI2088
	FIRE DETECTOR N	MALFUNCTION CAUSE	D FIRE LIGHT TO FAI	SELY ILLUMINATE.	INSTALLED PER ST	TC SR00375SE. (X)			
2612	CFHFW	BOEING			KIDDE	FIRE DETECTOR	MALFUNCTIONED		3/23/98
CHIR	107	1072				473275	AFT LOWER OTBD		CHI2087
	AFT LOWER OUT	BOARD FIRE DETECTOR	R MALFUNCTION CA	USED FIRE LIGHT TO	O FALSELY ILLUMIN	NATE. INSTALLED PER ST	°C SR00375SE. (X)		
2312	4391S	BOLKMS				TRANSCEIVER	DEFECTIVE		5/9/94
HEEA	S787	BO105S			KY196	064101900	COCKPIT		HEEA942211
	TRANSCEIVER WA	ARMS UP AND THEN SI	HUTS OFF. COULD NO	OT DUPLICATE PROB	LEM. ADJUSTED M	OD, SIDETONE AND SQUE	ELCH AND FREQUENCY. BEI	NCH CHECK	K GOOD.
2435	81982	BOLKMS				STARTER	FAILED	6825	4/29/98
HEEA	S818	BO105S				23032048	ENGINE		HEEA0014070
	STARTER WILL N								

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2562	54191	BOLKMS			NARCO	ELT	FAILED		4/22/98
HEEA	S804	BO105S				ELT10	BATTERY		HEEA0014026
	BATTERY INOPER	ATIVE. TIME SINCE R	EPAIR 0:00.						
2842	81992	BOLKMS				TRANSMITTER	FAILED	4	4/21/98
HEEA	S827	BO105S				DK042	FUEL IND		HEEA0014000
	TRANSMITS HIGH	OUT OF TOLERANCE	THROUGHOUT.						
3416	54191	BOLKMS			ACK	ENCODER	FLUCTUATES		4/4/94
HEEA	S804	BO105S				A30	COCKPIT		HEEA942136
	ENCODER OUTPU	T FLUCTUATES 200 FE	ET CONTINOUSLY.						
3422	205BB	BOLKMS				GYRO	DEFECTIVE		3/3/94
HEEA	S58	BO105S			KG102A	060001500	COCKPIT		HEEA942209
	GYRO WILL NOT I	BECOME VALID AND H	IEADING IS UNSTABI	LE. TIME SINCE REP	PAIR 175:00.				
3422	4391S	BOLKMS				GYRO	TRIPS BREAKER		5/2/94
HEEA	S787	BO105S			KG102A	060001500	COCKPIT		HEEA942210
	GYRO POPS CIRCU	JIT BREAKER. TIME S	INCE REPAIR 0:00.						
3452	5368F	BOLKMS				TRANSPONDER	INOP		4/18/94
HEEA	S718	BO105CB*			KT76	066106200	COCKPIT		HEEA942177
		D TRANSPONDER WAS ENCH CHECK GOOD.	S NOT WORKING. TRO	OUBLESHOT AND RE	EPLACED V101 (TUB	E), R441 (RESISTOR), R429	(RESISTOR). ADJUSTED T	HE RECEIVE	ER AND
3452	8197X	BOLKMS				TRANSPONDER	INOP		4/11/94
HEEA	S808	BO105S			KT76	066106200	COCKPIT		HEEA942174
	TRANSCEIVER IN	OPERATIVE. TROUBLE	SHOT AND ADJUSTE	D LOW POWER OUT.	ALSO REPLACED I	DETERIORATED RESISTOR	R R477. REPAIRED PROBLE	EM. BENCH	CHECK GOOD.
3452	7136J	BOLKMS				TRANSPONDER	BROKEN		5/16/94
HEEA	S830	BO105S				066106200	COCKPIT		HEEA942213
	TRANSCEIVER FA	CE COVER BROKEN. R	EPLACED FACEPLAT	E ASSY, DETERIORA	TED RESISTOR R47	7 AND PHOTOCELL V301.	ADJUSTED SIDE LOBE SUI	PRESSION. F	REPAIRED PROBLEM.
5302	502AL	BOLKMS				PLATE	CRACKED		11/5/97
ALGR	S103	BO105C				1052180110033	TAILBOOM MOUNT		97ZZZX5134
	DISCOVERED DUF RIVET HOLE.	RING DAILY INSPECTION	ON, WORKING RIVET	S AT TAIL ROTOR DE	RIVESHAFT FORWA	RD ATTACH BRACKET. R	EMOVED BRACKET AND D	DISCOVERED	PLATE CRACKED AT
6210	5352H	BOLKMS				BLADE	SEPARATION	7367	5/11/94
HEEA	S717	BO105CB*				10515170	M/R		HEEA942187
		ΓΗΕ INBOARD LEADIN SPECTION AND REPAI		IE INBOARD END. T	HE OUTBOARD STR	IP HAS EXCESSIVE AMOU	UNT OF EROSION NEAR TH	E TIP. SENT	TO COMPOSITE
6210	5352H	BOLKMS				BLADE	SEPARATION	7367	5/11/94
HEEA	S717	BO105CB*				10515170	M/R		HEEA942186
	SEPARATION ON (	OUTBOARD END OF TH	HE OUTBOARD STRIP	. ALSO WITH EXCES	SIVE EROSION ON T	HE LEADING EDGE ABRA	ASION STRIP.		

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6210	205BB	BOLKMS				BLADE	DEFECTIVE	8417	1/26/94
HEEA	S58	BO105S				10587214	M/R		HEEA942222
	UNABLE TO GET S 15:55.	SMOOTH RIDE IN FLIG	HT WITH GOOD VISU	AL TRACK .8 IPS VE	RTICAL. NOTE: WIT	ГН SMOOTH RIDE IN FLIG	HT .7 IPS LATERAL ON GR	OUND. TIME	SINCE REPAIR
6210	7136H	BOLKMS				BLADE	DEFECTIVE	6760	2/1/94
HEEA	S833	BO105S				10515141	M/R		HEEA942220
	UNABLE TO BALA	NCE M/R BLADE.							
6210	7136H	BOLKMS				BLADE	WONT TRACK	8777	2/3/94
HEEA	S833	BO105S				10515141	M/R		HEEA942221
	UNABLE TO TRAC	CK BLADE IN FLIGHT - 1	BLADE DIVES EXCES	SIVELY. TIME SINCE	E REPAIR 1:00.				
5240	3520T	BOLKMS				WARNING BOX	FAILED		4/22/98
HEEA	S539	BO105S				KDW021A	ROTOR RPM		HEEA0014030
	INTERMITTENT L	IGHT AND AUDIO AT 1	00% RPM.						
5240	6607K	BOLKMS				INDICATOR	INTERMITTENT		4/29/98
HEEA	S841	BO105S				206075681117	ROTOR		HEEA0014075
	ROTOR NEEDLE IS	S INTERMITTENT AND	NOISY.						
5310	3071K	BOLKMS				INPUT PINION	WORN		4/29/98
	3071K S859	BOLKMS BO105S			4638001004	INPUT PINION 4638302002	WORN FREEWHEEL		4/29/98 HEEA0014062
	S859		N BEYOND LIMITS. R	EPLACED WITH NEV					
HEEA	S859	BO105S	N BEYOND LIMITS. R	EPLACED WITH NEV					
6310 HEEA 6710 HEEA	S859 INPUT PINION BEA	BO105S ARING JOURNAL WOR	N BEYOND LIMITS. R	EPLACED WITH NEV		4638302002	FREEWHEEL		HEEA0014062
HEEA 6710	S859 INPUT PINION BEA 50293 S677	BO105S ARING JOURNAL WORI BOLKMS			V PINION. 10545371	4638302002 BEARING 1054537110	FREEWHEEL UNBONDED		HEEA0014062 4/29/98
HEEA 6710 HEEA	S859 INPUT PINION BEA 50293 S677	BO105S ARING JOURNAL WORI BOLKMS BO105S			V PINION. 10545371	4638302002 BEARING 1054537110	FREEWHEEL UNBONDED		HEEA0014062 4/29/98
HEEA 5710 HEEA 5710	S859 INPUT PINION BEA 50293 S677 TEFLON LINER UN	BO105S ARING JOURNAL WORI BOLKMS BO105S NBONDED AND BEARIN			V PINION. 10545371	4638302002  BEARING 1054537110  WITH NEW BEARING.	FREEWHEEL  UNBONDED  MIXING LEVER		HEEA0014062 4/29/98 HEEA0014044
HEEA 5710 HEEA 5710	S859 INPUT PINION BEA 50293 S677 TEFLON LINER UN 5031U S678	BO105S ARING JOURNAL WORD BOLKMS BO105S NBONDED AND BEARIN BOLKMS	NG VERY STIFF. UNA	BLE TO MOVE INNE	V PINION. 10545371 R RACE. REPLACED	BEARING 1054537110 WITH NEW BEARING. BEARING	UNBONDED MIXING LEVER UNBONDED		HEEA0014062 4/29/98 HEEA0014044
HEEA 5710 HEEA 5710 HEEA	S859 INPUT PINION BEA 50293 S677 TEFLON LINER UN 5031U S678	BO105S ARING JOURNAL WORD BOLKMS BO105S NBONDED AND BEARIN BOLKMS BO105S	NG VERY STIFF. UNA	BLE TO MOVE INNE	V PINION. 10545371 R RACE. REPLACED	BEARING 1054537110 WITH NEW BEARING. BEARING	UNBONDED MIXING LEVER UNBONDED		HEEA0014062 4/29/98 HEEA0014044 4/29/98
HEEA 6710 HEEA 6710 HEEA	S859 INPUT PINION BEA 50293 S677 TEFLON LINER UN 5031U S678 TEFLON UNBOND	BO105S ARING JOURNAL WORD BOLKMS BO105S NBONDED AND BEARIN BOLKMS BO105S ING FROM BEARING. F	NG VERY STIFF. UNA	BLE TO MOVE INNE	V PINION. 10545371 R RACE. REPLACED	4638302002  BEARING 1054537110  WITH NEW BEARING. BEARING 1054537110	FREEWHEEL  UNBONDED  MIXING LEVER  UNBONDED  MIXING LEVER		HEEA0014062 4/29/98 HEEA0014044 4/29/98 HEEA0014040
HEEA 5710 HEEA 5710 HEEA	S859 INPUT PINION BEA 50293 S677 TEFLON LINER UN 5031U S678 TEFLON UNBOND 133AE S800	BO105S ARING JOURNAL WORD BOLKMS BO105S NBONDED AND BEARIN BOLKMS BO105S ING FROM BEARING. F	NG VERY STIFF. UNA REPLACED WITH NEW	BLE TO MOVE INNE V BEARING.	V PINION.  10545371 R RACE. REPLACED  10545371	BEARING 1054537110 WITH NEW BEARING. BEARING 1054537110 BEARING	UNBONDED MIXING LEVER  UNBONDED MIXING LEVER  UNBONDED		HEEA0014062  4/29/98  HEEA0014044  4/29/98  HEEA0014040
HEEA  5710  HEEA  5710  HEEA  5710  HEEA	S859 INPUT PINION BEA 50293 S677 TEFLON LINER UN 5031U S678 TEFLON UNBOND 133AE S800	BO105S ARING JOURNAL WORD BOLKMS BO105S NBONDED AND BEARIN BOLKMS BO105S ING FROM BEARING. F BOLKMS BOLKMS	NG VERY STIFF. UNA REPLACED WITH NEW	BLE TO MOVE INNE V BEARING.	V PINION.  10545371 R RACE. REPLACED  10545371	BEARING 1054537110 WITH NEW BEARING. BEARING 1054537110 BEARING	UNBONDED MIXING LEVER  UNBONDED MIXING LEVER  UNBONDED		HEEA0014062  4/29/98  HEEA0014044  4/29/98  HEEA0014040
HEEA  5710  HEEA  5710  HEEA  5710  HEEA	S859 INPUT PINION BEA 50293 S677 TEFLON LINER UN 5031U S678 TEFLON UNBOND 133AE S800 TEFLON UNBOND	BO105S ARING JOURNAL WORD BOLKMS BO105S NBONDED AND BEARIN BOLKMS BO105S ING FROM BEARING. F BOLKMS BOLKMS BOLKMS	NG VERY STIFF. UNA REPLACED WITH NEW	BLE TO MOVE INNE V BEARING.	V PINION.  10545371 R RACE. REPLACED  10545371	4638302002  BEARING 1054537110  WITH NEW BEARING.  BEARING 1054537110  BEARING 1054537110	FREEWHEEL  UNBONDED  MIXING LEVER  UNBONDED  MIXING LEVER  UNBONDED  MIXING LEVER		HEEA0014062  4/29/98  HEEA0014044  4/29/98  HEEA0014040  4/29/98  HEEA0014041
HEEA  5710  HEEA  5710  HEEA  5710  HEEA	S859 INPUT PINION BEA 50293 S677 TEFLON LINER UN 5031U S678 TEFLON UNBOND 133AE S800 TEFLON UNBOND 81992 S827	BO105S ARING JOURNAL WORD BOLKMS BO105S NBONDED AND BEARIN BOLKMS BO105S ING FROM BEARING. F BOLKMS BO105S ING FROM BEARING. F BOLKMS BO105S ING FROM BEARING. F	NG VERY STIFF. UNA REPLACED WITH NEW REPLACED WITH NEW	BLE TO MOVE INNE V BEARING. V BEARING.	V PINION.  10545371  R RACE. REPLACED  10545371  10545371	4638302002  BEARING 1054537110  WITH NEW BEARING. BEARING 1054537110  BEARING 1054537110  BEARING 1054537110	FREEWHEEL  UNBONDED  MIXING LEVER  UNBONDED  MIXING LEVER  UNBONDED  MIXING LEVER  UNBONDED		HEEA0014062  4/29/98 HEEA0014044  4/29/98 HEEA0014040  4/29/98 HEEA0014041
HEEA  5710  HEEA  5710  HEEA  5710  HEEA  6710  HEEA	S859 INPUT PINION BEA 50293 S677 TEFLON LINER UN 5031U S678 TEFLON UNBOND 133AE S800 TEFLON UNBOND 81992 S827	BO105S ARING JOURNAL WORD BOLKMS BO105S NBONDED AND BEARIN BOLKMS BO105S ING FROM BEARING. F BOLKMS BO105S ING FROM BEARING. F BOLKMS BO105S ING FROM BEARING. F BOLKMS BO105S	NG VERY STIFF. UNA REPLACED WITH NEW REPLACED WITH NEW	BLE TO MOVE INNE V BEARING. V BEARING.	V PINION.  10545371  R RACE. REPLACED  10545371  10545371	4638302002  BEARING 1054537110  WITH NEW BEARING. BEARING 1054537110  BEARING 1054537110  BEARING 1054537110	FREEWHEEL  UNBONDED  MIXING LEVER  UNBONDED  MIXING LEVER  UNBONDED  MIXING LEVER  UNBONDED		HEEA0014062  4/29/98 HEEA0014044  4/29/98 HEEA0014040  4/29/98 HEEA0014041
HEEA 6710	S859 INPUT PINION BEA 50293 S677 TEFLON LINER UN 5031U S678 TEFLON UNBOND 133AE S800 TEFLON UNBOND 81992 S827 TEFLON LINER UN	BO105S ARING JOURNAL WORD BOLKMS BO105S NBONDED AND BEARIN BOLKMS BO105S ING FROM BEARING. F	NG VERY STIFF. UNA REPLACED WITH NEW REPLACED WITH NEW	BLE TO MOVE INNE V BEARING. V BEARING.	V PINION.  10545371  R RACE. REPLACED  10545371  10545371	BEARING 1054537110 WITH NEW BEARING. BEARING 1054537110  BEARING 1054537110  BEARING 1054537110  WITH NEW BEARING.	UNBONDED MIXING LEVER  UNBONDED MIXING LEVER  UNBONDED MIXING LEVER  UNBONDED MIXING LEVER		HEEA0014062  4/29/98 HEEA0014044  4/29/98 HEEA0014040  4/29/98 HEEA0014041  4/29/98 HEEA0014043
6710 HEEA 6710 HEEA 6710 HEEA 6710 HEEA	S859 INPUT PINION BEA 50293 S677 TEFLON LINER UN 5031U S678 TEFLON UNBOND 133AE S800 TEFLON UNBOND 81992 S827 TEFLON LINER UN 135AE S838	BO105S ARING JOURNAL WORD BOLKMS BO105S NBONDED AND BEARIN BOLKMS BO105S ING FROM BEARING. F BOLKMS BO105S ING FROM BEARING. F BOLKMS BO105S ING FROM BEARING. F BOLKMS BO105S NBONDED AND BEARIN	NG VERY STIFF. UNA REPLACED WITH NEW REPLACED WITH NEW	BLE TO MOVE INNE V BEARING. V BEARING. BLE TO MOVE INNE	V PINION.  10545371  R RACE. REPLACED  10545371  10545371  R RACE. REPLACED	BEARING 1054537110 WITH NEW BEARING. BEARING 1054537110  BEARING 1054537110  BEARING 1054537110  WITH NEW BEARING. BEARING	UNBONDED MIXING LEVER  UNBONDED MIXING LEVER  UNBONDED MIXING LEVER  UNBONDED MIXING LEVER  UNBONDED MIXING LEVER		HEEA0014062  4/29/98 HEEA0014044  4/29/98 HEEA0014040  4/29/98 HEEA0014043  4/29/98
6710 HEEA 6710 HEEA 6710 HEEA 6710 HEEA	S859 INPUT PINION BEA 50293 S677 TEFLON LINER UN 5031U S678 TEFLON UNBOND 133AE S800 TEFLON UNBOND 81992 S827 TEFLON LINER UN 135AE S838	BO105S ARING JOURNAL WORD BOLKMS BO105S NBONDED AND BEARIN BOLKMS BO105S ING FROM BEARING. F BOLKMS BO105S ING FROM BEARING. F BOLKMS BO105S ING FROM BEARING. F BOLKMS BO105S BOLKMS BO105S NBONDED AND BEARIN BOLKMS BOLKMS	NG VERY STIFF. UNA REPLACED WITH NEW REPLACED WITH NEW	BLE TO MOVE INNE V BEARING. V BEARING. BLE TO MOVE INNE	V PINION.  10545371  R RACE. REPLACED  10545371  10545371  R RACE. REPLACED	BEARING 1054537110 WITH NEW BEARING. BEARING 1054537110  BEARING 1054537110  BEARING 1054537110  WITH NEW BEARING. BEARING	UNBONDED MIXING LEVER  UNBONDED MIXING LEVER  UNBONDED MIXING LEVER  UNBONDED MIXING LEVER  UNBONDED MIXING LEVER	1422	HEEA0014062  4/29/98 HEEA0014044  4/29/98 HEEA0014041  4/29/98 HEEA0014043  4/29/98

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
7250	131AE	BOLKMS	ALLSN			NOZZLE SHIELD	CRACKED	665	4/21/98
HEEA	S787	BO105S	250C20B		6898735	6890040	NR 1		HEEA0013994
		D DUE TO TURBINE CY ACK AT POSITIONING		CTION OF TURBINE P	ARTS NOTED: CRA	CKED BEYOND SERVICEA	BLE LIMITS ON NR1 NOZZ	ZLE SHIELD I	NNER BAND AS
7250	133AE	BOLKMS	ALLSN			NOZZLE SHIELD	CRACKED	753	4/21/98
HEEA	S800	BO105S	250C20B		6898735	23062750	NR1		HEEA0014003
	ENGINE REMOVE AREA ABOUT 45%		URBINE OVERHAUL	. UPON INSPECTION	OF TURBINE PARTS	S NOTED: CRACKED BEYO	OND SERVICEABLE LIMIT	S ON NR1 NC	OZZLE SHIELD DOME
7250	911EB	BOLKMS	ALLSN			TURBINE WHEEL	PITTED		4/21/98
HEEA	S812	BO105S	250C20B		6898735	6898782	2ND STAGE		HEEA0014001
		CTION REVEALED: PI S OF .050 DEEP. INSTA			R2 WHEEL BLENDED	O AREA E (AFT) AS MARKE	D. NOTE: BLENDING OF	THESE PITS V	WOULD EXCEED
7250	8199J	BOLKMS	ALLSN			TURBINE WHEEL	DEFECTIVE	1738	4/20/98
HEEA	S826	BO105S	250C20B		23038241	6886407	1ST STAGE		HEEA0013981
		D DUE TO TURBINE 175 REPLACED WITH SERV		N. UPON INSPECTION	N OF TURBINE PART	TS NOTED: CATASTROPHIC	C SULFIDATION ON ALL 1	NR1 WHEEL I	BLADES. SCRAPPED
7250	8199J	BOLKMS	ALLSN			TURBINE WHEEL	DEFECTIVE	1738	4/20/98
HEEA	S826	BO105S	250C20B		23038241	23001967	3RD STAGE		HEEA0013980
		D DUE TO TURBINE 175 LACED WITH SERVICEA		N. UPON INSPECTION	N OF TURBINE PART	TS NOTED: SEVERE SULFII	DATION ON ALL NR3 WHE	EEL BLADES.	SCRAPPED NR3
7250	7136J	BOLKMS	ALLSN			COUPLING	STEPWEAR	726	5/10/94
HEEA	S830	BO105S	250C20B		6898735	6898977	SPLINES		HEEA942241
		D DUE TO LOW POWER ON TURBINE TO COMP				OWING: STEP WEAR IN EX COUPLING.	CESS OF THE .001" OPERA	ATION AND M	IAINTENANCE
7260	131AE	BOLKMS	ALLSN			TUBE ASSY	WORN		4/21/98
HEEA	S787	BO105S	250C20B		6894171	6876925	ENG GR BOX		HEEA0014011
	ENGINE REMOVE	D DUE TO METAL. INS	PECTION OF GEARBO	OX PARTS REVEALE	D: TUBE ASSY. FAIL	ED DIMENSIONAL CHECK	PER CEB1307. INSTALLEI	A NEW TUE	E.
7260	8199J	BOLKMS	ALLSN			TUBE ASSY	WORN	1719	4/21/98
HEEA	S826	BO105S	250C20B		6894171	6876925A	ENG GR BOX		HEEA0014010
	ENGINE REMOVE	D DUE TO METAL. INS	PECTION OF GEARBO	OX PARTS REVEALE	D: TUBE ASSY. FAIL	ED DIMENSIONAL CHECK	PER CEB1307. INSTALLEI	A NEW TUE	BE.
7321	352TT	BOLKMS	ALLSN			FUEL CONTROL	FAULTY		1/13/94
HEEA	S59	BO105S	250C20B			104900A5	ENGINE		HEEA942219
	FUE CONTROL IN	TERMITTENT-STAGNA	TION IN ACCELERA	ΓΙΟΝ FROM IDLE TO	70% N1 AND ABOVI	E.			
7714	9190Y	BOLKMS				TACH GENERATOR	FAILED		9/29/94
HEEA	S669	BO105CBS				AG44A202	NR 2 ENG		94ZZZX6878
	OUTBOUND FLIGI	HT, NR 2 ENGINE N2 TA	ACHOMETER GENER.	ATOR FAILED. RETU	JRNED TO BASE. BO	D-105IPC, CHAPTER 2-604-0	0, FIGURE 604, ITEM 240.		
7923	9190F	BOLKMS				VALVE	TRIPS BREAKER		4/25/94
HEEA	S668	BO105S				209072433007	OIL SOV		HEEA942153
	POPS CIRCUIT BR	EAKER. INSPECTED BY	Y ACCESSORY OVER	HAUL SHOP AND FO	UND SOLENOID IS S	SHORTED TO GROUND.			

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
2150	191BK	BOLKMS				ELBOW	MIS MFG		4/29/98
HEEA	7146	BK117B1				117E00113	VENTURI		HEEA0014048
		E0011-9 DOES NOT FIT SERVICEABLE PART.	PROPERLY IN ELBOY	W P/N 117-E0011-3. W	ELD BEADS ON INS	IDE OF ELBOW DO NOT A	ALLOW VENTURI TO FIT F	LUSH ON PLA	ATE P/N 117-E0001-47.
2210	911NC	BOLKMS				SPAS COMPUTER	DEFECTIVE		1/22/94
HEEA	7026	BK117A3				11788292	COCKPIT		HEEA942227
	SPAS LIGHT ILLUI	MINATES AS SOON AS	SWITCH IS PUT INTO	POSITION - SPAS OP	ERATES NORMALL	Y IN FLIGHT.			
2312	911TL	BOLKMS				TRANSCEIVER	DEFECTIVE		5/4/94
HEEA	7198	BK117B1				064105430	COCKPIT		HEEA942212
	TRANSCEIVER NO	DISPLAY.							
2612	460H	BOLKMS				DETECTOR	FAILED		4/24/98
RMXA	7142	BK117B1				17343624101	LOWER AFT		98ZZZX1703
	FOUND LOWER A	FT FIRE DETECTOR ST.	ARTING TO SHORT IN	NTERNALLY. REMOV	VED DEFECTIVE PA	RT, INSTALLED SERVICE	ABLE PART.		
3310	911MZ	BOLKMS				CONTROL	OVERHEAT		11/1/97
	7098	BK117A3			830000501	1179203103	LIGHTS		97ZZZX5132
	INSPECTED RHEO	STAT, WIRING, AND IN	NTENSITY CONTROL	UNIT. FOUND CONT	ROL UNIT TO HAVE	E STRONG ELECTRICAL O	DOR. REPLACED WITH N	EW UNIT. OF	S CHECK GOOD.
3310	132AE	BOLKMS				POTENTIOMETER	DEFECTIVE	466	5/21/94
HEEA	7238	BK117B1				260T4641	COCKPIT		HEEA942248
	POTENTIOMETER	CAUSES INSTRUMENT	T LIGHT TO BE FULL	ON OR FULL OFF; WI	LL NOT DIM.				
3420	134AE	BOLKMS				INDICATOR	DEFECTIVE		4/22/98
HEEA	7237	BK117B2				4021541671	COCKPIT		HEEA0014032
	ARTIFICIAL HORI	Z INDICATOR INTERNA	AL LIGHTS SHORTED	<b>)</b> .					
3457	911TL	BOLKMS				GPS	FAILED		4/20/98
HEEA	7198	BK117B1			SKYNAV 5000	0845000000	COCKPIT		HEEA0013985
	INTERMITTENTLY WITHOUT PRESSI		SHUTTING DOWN. 1	NOT AIRCRAFT WIRI	NG. DOES SAME WI	HEN POWERED UP ON BEI	NCH. FOUND UNIT TO LO	CK UP AND C	HANGES MODES
5610	136AE	BOLKMS				WINDOW	CRACKED	508	5/18/94
HEEA	7234	BK117B1				1172429702	COCKPIT RT		HEEA942246
	RIGHT WINDOW O	CRACKED.							
6410	911TG	BOLKMS				BLADE	CRACKED	1087	4/21/98
BAQA	7506	BK117B1				117317411	T/R		98ZZZX1704
		IGHT INSPECTION, TH N 103/104. 858.5 HOURS			Γ THE ROOT END OI	F TAIL ROTOR BLADE. TH	HIS IS THE THIRD EVENT.	11-18-94, 198.	4 HRS, S/N 116/118. 5-3
6520	911TL	BOLKMS				COVER	WORN	3102	4/29/98
HEEA	7198	BK117B1			4639003007	4639311010	T/R XMSN		HEEA0014063
	FORWARD BORE	WORN FROM BEARING	G SPINNING. REPLACI	ED WITH NEW COVE	R.				
6710	911RZ	BOLKMS				BEARING	UNBONDED		4/29/98
HEEA	7092	BK117A4			10545371	1054537110	MIXING LEVER		HEEA0014045
			NG VERY STIFF. UNA	DI E TO MOVE INNE					

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6710		BOLKMS				TUBE	MIS MFG		5/23/94
HEEA		BK117B1				YAJ119607200F	M/R		HEEA942205
	TUBE NOT THREA	ADED ALL THE WAY FO	OR ROD ENDS.						
6730	132AE	BOLKMS				ACTUATOR	KICKS	462	5/17/94
HEEA	7238	BK117B1				741C000004	YAW SAS		HEEA942242
	YAW SAS KICKS	OFF THEN ON INTERMI	ITTENTLY.						
7320	967LS	BOLKMS	LYC			ACTUATOR	FAILED	181	4/16/98
BAQA	7067	BK117A3	LTS101650B1		AVP1	430110212	FLOW FENCE		98ZZZX1684
	INTERNAL BREA	KDOWN OF AIR FLOW	MODULATOR (FLOW	FENCE ACTUATOR)	CAUSED THE OCCU	RRENCE OF COMPRESSOR	STALLS DURING APPRO	ACH TO LAN	DING.
7414	51699	ENSTRM	LYC			POINTS	FAILED		7/8/94
	416	F28C	HIO360E1AD		D4LN2021	10382585	RT MAG	1345	94ZZZX4574
						ENTERED AUTOROTATIC R LOSS. INSTALLED NEW			
6520	369AW	HUGHES				GEARBOX	MAKING METAL		4/16/98
LS1R	470117D	369D				369D25400	T/R	1195	98ZZZX1702
	DURING ROUTIN 98-4-8.	E INSPECTION, MECHA	NIC FOUND METAL A	AND EXCESSIVELY D	OARK OIL IN GEARB	OX. REMOVED FOR REPAI	R AND REPLACED WITH	SERVICEABI	E UNIT. CONTROL NI
2430	1546K	SKRSKY				RELAY	FAILED		4/29/98
	760082	S76A				A1077D	DC SYS		HEEA0014059
HEEA		S76A TS STUCK. REPLACED V	WITH SERVICEABLE F	RELAY.			DC SYS		HEEA0014059
HEEA			WITH SERVICEABLE I	RELAY.			DC SYS FAILED		HEEA0014059 4/22/98
HEEA 2430	RELAY CONTACT	TS STUCK. REPLACED V	WITH SERVICEABLE F	RELAY.		A1077D			
HEEA 2430	RELAY CONTACT 5435V 760158	SKRSKY				A1077D TRANSFORMER	FAILED		4/22/98
HEEA 2430	RELAY CONTACT 5435V 760158	SKRSKY S76A				A1077D TRANSFORMER	FAILED		4/22/98
2430 HEEA 2611	RELAY CONTACT 5435V 760158 BURNING SMELL	S STUCK. REPLACED V SKRSKY S76A COMING FROM UNIT A				A1077D TRANSFORMER 6153A	FAILED DC SYS		4/22/98 HEEA0014027
2430 HEEA 2611	RELAY CONTACT 5435V 760158 BURNING SMELL 1546K 760082	SKRSKY S76A COMING FROM UNIT A	AND CAUSES TONE IN	J HEADSET.		TRANSFORMER 6153A SMOKE DETECTOR	FAILED DC SYS MALFUNCTION		4/22/98 HEEA0014027 5/1/98
HEEA  2430 HEEA  2611 HEEA	RELAY CONTACT 5435V 760158 BURNING SMELL 1546K 760082	SKRSKY S76A COMING FROM UNIT A SKRSKY S76A	AND CAUSES TONE IN	J HEADSET.		TRANSFORMER 6153A SMOKE DETECTOR	FAILED DC SYS MALFUNCTION		4/22/98 HEEA0014027 5/1/98
2430 HEEA 2611 HEEA 2612	RELAY CONTACT 5435V 760158 BURNING SMELL 1546K 760082 SMOKE DETECTO	S STUCK. REPLACED V SKRSKY S76A COMING FROM UNIT A SKRSKY S76A OR GAVE INDICATION O	AND CAUSES TONE IN	J HEADSET.		TRANSFORMER 6153A  SMOKE DETECTOR 30231R7B	FAILED DC SYS  MALFUNCTION ENGINE		4/22/98 HEEA0014027 5/1/98 HEEA0014103
2430 HEEA 2611 HEEA 2612	RELAY CONTACT 5435V 760158 BURNING SMELL 1546K 760082 SMOKE DETECTO 5427S 760168	SKRSKY S76A COMING FROM UNIT A SKRSKY S76A OR GAVE INDICATION O SKRSKY S76A	AND CAUSES TONE IN OF FIRE ONCE IN FLIC	N HEADSET. GHT.	STON HOBBY. REPL	A1077D  TRANSFORMER 6153A  SMOKE DETECTOR 30231R7B  DETECTOR	FAILED DC SYS  MALFUNCTION ENGINE  FAILED FWD FIRE SENSOR	PTER 26-11-0	4/22/98 HEEA0014027 5/1/98 HEEA0014103 9/29/94 94ZZZX6875
2430 HEEA 2611 HEEA 2612	RELAY CONTACT 5435V 760158 BURNING SMELL 1546K 760082 SMOKE DETECTO 5427S 760168	SKRSKY S76A COMING FROM UNIT A SKRSKY S76A OR GAVE INDICATION O SKRSKY S76A	AND CAUSES TONE IN OF FIRE ONCE IN FLIC	N HEADSET. GHT.	STON HOBBY. REPL	TRANSFORMER 6153A  SMOKE DETECTOR 30231R7B  DETECTOR 473205	FAILED DC SYS  MALFUNCTION ENGINE  FAILED FWD FIRE SENSOR	PTER 26-11-0	4/22/98 HEEA0014027 5/1/98 HEEA0014103 9/29/94 94ZZZX6875
2430 HEEA 2611 HEEA 2612 HEEA	RELAY CONTACT 5435V 760158 BURNING SMELL 1546K 760082 SMOKE DETECTO 5427S 760168 IN CRUISE FLIGH	SKRSKY S76A COMING FROM UNIT A SKRSKY S76A OR GAVE INDICATION O SKRSKY S76A T, FORWARD FIRE SEN	AND CAUSES TONE IN OF FIRE ONCE IN FLIC	N HEADSET. GHT.	STON HOBBY. REPL	A1077D  TRANSFORMER 6153A  SMOKE DETECTOR 30231R7B  DETECTOR 473205  ACED FORWARD FLAME I	FAILED DC SYS  MALFUNCTION ENGINE  FAILED FWD FIRE SENSOR DETECTOR. S-76 IPC, CHA	PTER 26-11-0	4/22/98 HEEA0014027 5/1/98 HEEA0014103 9/29/94 94ZZZX6875 0, FIGURE 1, ITEM 21.
2430 HEEA 2611 HEEA 2612 HEEA	RELAY CONTACT 5435V 760158 BURNING SMELL 1546K 760082 SMOKE DETECTO 5427S 760168 IN CRUISE FLIGH 792CH 760193	SKRSKY S76A COMING FROM UNIT A SKRSKY S76A OR GAVE INDICATION O SKRSKY S76A T, FORWARD FIRE SEN SKRSKY S76A	AND CAUSES TONE IN OF FIRE ONCE IN FLIG	N HEADSET. GHT. J. LANDED AT HOUS		A1077D  TRANSFORMER 6153A  SMOKE DETECTOR 30231R7B  DETECTOR 473205  ACED FORWARD FLAME I LINE	FAILED DC SYS  MALFUNCTION ENGINE  FAILED FWD FIRE SENSOR DETECTOR. S-76 IPC, CHA PIN HOLE NR 2 HYD SYS		4/22/98 HEEA0014027 5/1/98 HEEA0014103 9/29/94 94ZZZX6875 0, FIGURE 1, ITEM 21. 10/17/94 94ZZZX6874
2430 HEEA 2611 HEEA 2612 HEEA	RELAY CONTACT 5435V 760158 BURNING SMELL 1546K 760082 SMOKE DETECTO 5427S 760168 IN CRUISE FLIGH 792CH 760193 NR 2 HYDRAULIO	SKRSKY S76A COMING FROM UNIT A SKRSKY S76A OR GAVE INDICATION O SKRSKY S76A T, FORWARD FIRE SEN SKRSKY S76A	AND CAUSES TONE IN OF FIRE ONCE IN FLIG	N HEADSET. GHT. J. LANDED AT HOUS		TRANSFORMER 6153A  SMOKE DETECTOR 30231R7B  DETECTOR 473205  ACED FORWARD FLAME I LINE 7665103003053	FAILED DC SYS  MALFUNCTION ENGINE  FAILED FWD FIRE SENSOR DETECTOR. S-76 IPC, CHA PIN HOLE NR 2 HYD SYS		4/22/98 HEEA0014027 5/1/98 HEEA0014103 9/29/94 94ZZZX6875 0, FIGURE 1, ITEM 21. 10/17/94 94ZZZX6874
HEEA  2430 HEEA  2611 HEEA  2612 HEEA  2910 HEEA	RELAY CONTACT 5435V 760158 BURNING SMELL 1546K 760082 SMOKE DETECTO 5427S 760168 IN CRUISE FLIGH 792CH 760193 NR 2 HYDRAULIO 1, ITEM 18.	SKRSKY S76A COMING FROM UNIT A SKRSKY S76A OR GAVE INDICATION O SKRSKY S76A T, FORWARD FIRE SEN SKRSKY S76A SKRSKY S76A CSYSTEM BECAME NO	AND CAUSES TONE IN OF FIRE ONCE IN FLIG	N HEADSET. GHT. J. LANDED AT HOUS		TRANSFORMER 6153A  SMOKE DETECTOR 30231R7B  DETECTOR 473205 ACED FORWARD FLAME I LINE 7665103003053 COVERED WITH HYDRAU	FAILED DC SYS  MALFUNCTION ENGINE  FAILED FWD FIRE SENSOR DETECTOR. S-76 IPC, CHA PIN HOLE NR 2 HYD SYS LIC OIL. PIN HOLE IN LIN		4/22/98 HEEA0014027 5/1/98 HEEA0014103 9/29/94 94ZZZX6875 0, FIGURE 1, ITEM 21. 10/17/94 94ZZZX6874 TER 29-20-00, FIGURE
2430 HEEA 2611 HEEA 2612 HEEA 2910 HEEA	RELAY CONTACT 5435V 760158 BURNING SMELL 1546K 760082 SMOKE DETECTO 5427S 760168 IN CRUISE FLIGH 792CH 760193 NR 2 HYDRAULIO 1, ITEM 18. 31217 760229	SKRSKY S76A COMING FROM UNIT A SKRSKY S76A OR GAVE INDICATION O SKRSKY S76A T, FORWARD FIRE SEN SKRSKY S76A C SYSTEM BECAME NOT	AND CAUSES TONE IN OF FIRE ONCE IN FLIC ISOR LIGHT CAME ON	N HEADSET.  GHT.  J. LANDED AT HOUSE BEGAN TO FLUCTU		TRANSFORMER 6153A  SMOKE DETECTOR 30231R7B  DETECTOR 473205  ACED FORWARD FLAME I LINE 7665103003053  COVERED WITH HYDRAUI INDICATOR	FAILED DC SYS  MALFUNCTION ENGINE  FAILED FWD FIRE SENSOR DETECTOR. S-76 IPC, CHA PIN HOLE NR 2 HYD SYS LIC OIL. PIN HOLE IN LIN FAILED		4/22/98 HEEA0014027 5/1/98 HEEA0014103 9/29/94 94ZZZX6875 0, FIGURE 1, ITEM 21. 10/17/94 94ZZZX6874 TER 29-20-00, FIGURE 5/1/98
2430 HEEA 2611 HEEA 2612 HEEA 2910 HEEA	RELAY CONTACT 5435V 760158 BURNING SMELL 1546K 760082 SMOKE DETECTO 5427S 760168 IN CRUISE FLIGH 792CH 760193 NR 2 HYDRAULIO 1, ITEM 18. 31217 760229	SKRSKY S76A COMING FROM UNIT A SKRSKY S76A OR GAVE INDICATION O SKRSKY S76A T, FORWARD FIRE SEN SKRSKY S76A C SYSTEM BECAME NOT	AND CAUSES TONE IN OF FIRE ONCE IN FLIC ISOR LIGHT CAME ON	N HEADSET.  GHT.  J. LANDED AT HOUSE BEGAN TO FLUCTU		TRANSFORMER 6153A  SMOKE DETECTOR 30231R7B  DETECTOR 473205  ACED FORWARD FLAME I LINE 7665103003053  COVERED WITH HYDRAUI INDICATOR	FAILED DC SYS  MALFUNCTION ENGINE  FAILED FWD FIRE SENSOR DETECTOR. S-76 IPC, CHA PIN HOLE NR 2 HYD SYS LIC OIL. PIN HOLE IN LIN FAILED		4/22/98 HEEA0014027 5/1/98 HEEA0014103 9/29/94 94ZZZX6875 0, FIGURE 1, ITEM 21. 10/17/94 94ZZZX6874 TER 29-20-00, FIGURE 5/1/98
HEEA  2430 HEEA  2611 HEEA  2612 HEEA  2910 HEEA  3414 HEEA	RELAY CONTACT 5435V 760158 BURNING SMELL 1546K 760082 SMOKE DETECTO 5427S 760168 IN CRUISE FLIGH 792CH 760193 NR 2 HYDRAULIO 1, ITEM 18. 31217 760229 AIRSPEED INDICA	SKRSKY S76A COMING FROM UNIT A SKRSKY S76A OR GAVE INDICATION O SKRSKY S76A T, FORWARD FIRE SEN SKRSKY S76A C SYSTEM BECAME NOT SKRSKY S76A ATOR INDICATES HIGH	AND CAUSES TONE IN OF FIRE ONCE IN FLIC ISOR LIGHT CAME ON	N HEADSET.  GHT.  J. LANDED AT HOUSE BEGAN TO FLUCTU		TRANSFORMER 6153A  SMOKE DETECTOR 30231R7B  DETECTOR 473205 ACED FORWARD FLAME I LINE 7665103003053 COVERED WITH HYDRAUI INDICATOR 8502CS20LW	FAILED DC SYS  MALFUNCTION ENGINE  FAILED FWD FIRE SENSOR DETECTOR. S-76 IPC, CHA PIN HOLE NR 2 HYD SYS LIC OIL. PIN HOLE IN LIN  FAILED COCKPIT		4/22/98 HEEA0014027 5/1/98 HEEA0014103 9/29/94 94ZZZX6875 0, FIGURE 1, ITEM 21. 10/17/94 94ZZZX6874 TER 29-20-00, FIGURE 5/1/98 HEEA0014102

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
3425	1545K	SKRSKY				INDICATOR	INTERMITTENTLY		4/15/94
HEEA	760047	S76A				1113025	COCKPIT HSI		HEEA942225
	NAV FLAG AND I	DEVIATION BAR WORK	S INTERMITTENTLY.						
3425	1546K	SKRSKY				INDICATOR	NEEDLE STICKS		4/23/94
HEEA	760082	S76A				1113025	COCKPIT HSI		HEEA942224
	HEADING NEEDL	E STICKS							
3425	5435V	SKRSKY				INDICATOR	DEFECTIVE		3/23/94
HEEA	760158	S76A				1113025	COCKPIT HSI		HEEA942226
	INDICATOR CAUS	SES SECOND HSI TO BE	E 180 DEGREES OFF W	HEN THIS UNIT IS I	N THE COMMAND M	ODE. TIME SINCE REPAIR	0:00.		
3454	3122G	SKRSKY				RECEIVER	MALFUNCTION		5/2/94
HEEA	760232	S76A				066400700	COCKPIT		HEEA942181
		OULD NOT TEST ON VONCH CHECK GOOD.	OR FREQUENCY. INSI	PECTED FOR CORRO	SION, ADJUSTED VO	OR TRACKING, GLIDESCO	PE CENTERING, GLIDESCO	PE SENSE A	ND GLIDESCOPE
5610	5435V	SKRSKY				WINDSHIELD	CRACKED		10/17/94
HEEA	760158	S76				7620601001110	PILOT'S		94ZZZX6879
	BRIGHT ARCING	DEVELOPED IN PILOT'S	S WINDSHIELD. INVI	ESTIGATION REVEAL	LED ARCING AND C	RACKS. IPC 56-10-00, FIGU	IRE 1, PAGE 1, ITEM 13.		
6320	1546G	SKRSKY				SPUR GEAR	FRACTURED		4/27/98
HEER	760076	S76A				7635109032047	M/R GEARBOX		98ZZZX1706
****	SEPARATE FRAC SHEARED. MANY	TURES AND THE SHAF OTHER PINS SHOWED	T OF THE GEAR HAD SIGNS OF WORKING	ONE FRACTURE. TW G. THE MAIN GEARBO	VO OF THE PINS (P/N OX WAS OVERHAUL	HL12VLJ-8-5/6) THAT SEC LED 227 OPERATING HOUR	FURED IN THREE PLACES. FURE THE SPUR GEAR ASSI IS PRIOR TO THIS OCCURR IS NOT KNOWN AT THIS TI	EMBLY TOO ENCE. THE	ETHER HAD ALSO
6410	1546G	SKRSKY				BLADE	ERODED	11725	4/22/98
HEEA	760076	S76A				7610105101041	T/R		HEEA0014016
	BOTH PRIMARY I	RUBBER ERRODED THE	ROUGH AND PITCH H	ORN "A" IS DUE RET	TREMENT.				
6510	4253S	SKRSKY				TUBE ASSY	SEPARATED		4/29/98
HEEA	760035	S76A			763610400704	S613764329002	T/R DRIVE		HEEA0014061
	T/R DRIVE TUBE	SEPARATED BEYOND I	LIMITS. REPLACED W	TITH NEW TUBE ASS	EMBLY.				
7230	T/R DRIVE TUBE :	SEPARATED BEYOND I SKRSKY	LIMITS. REPLACED W	TTH NEW TUBE ASS	EMBLY.	SPLINE ADAPTER	MIS MFG		4/30/98
7230 HEEA				TITH NEW TUBE ASS	EMBLY. 23051643	SPLINE ADAPTER 230052711	MIS MFG ENGINE		4/30/98 HEEA0014092
	792CH 760193	SKRSKY S76A	ALLSN 250C30S		23051643		ENGINE		
	792CH 760193	SKRSKY S76A	ALLSN 250C30S		23051643	230052711	ENGINE	677	
HEEA	792CH 760193 RECEIVING INSPE	SKRSKY S76A ECTION REVEALED: O.	ALLSN 250C30S D. MEASURED (.9853)		23051643	230052711 ER O.D. INSTALLED A NEV	ENGINE V SPLINE ADAPTER.	677	HEEA0014092
7250	792CH 760193 RECEIVING INSPE 5426U 760167	SKRSKY S76A ECTION REVEALED: O. SKRSKY S76A	ALLSN 250C30S .D. MEASURED (.9853) ALLSN 250C30S	) .0002 UNDER SPECS	23051643 ON SPLINE ADAPTI 23035128	230052711 ER O.D. INSTALLED A NEV NOZZLE SHIELD 23062752	ENGINE V SPLINE ADAPTER. CRACKED		HEEA0014092 4/21/98 HEEA0013995
7250	792CH 760193 RECEIVING INSPE 5426U 760167 ENGINE REMOVE	SKRSKY S76A ECTION REVEALED: O. SKRSKY S76A	ALLSN 250C30S .D. MEASURED (.9853) ALLSN 250C30S	) .0002 UNDER SPECS	23051643 ON SPLINE ADAPTI 23035128	230052711 ER O.D. INSTALLED A NEV NOZZLE SHIELD 23062752	ENGINE V SPLINE ADAPTER.  CRACKED NR 1		HEEA0014092 4/21/98 HEEA0013995 ZLE SHIELD OUTER
HEEA 7250 HEEA	792CH 760193 RECEIVING INSPE 5426U 760167 ENGINE REMOVE BAND.	SKRSKY S76A ECTION REVEALED: O. SKRSKY S76A D DUE TO NR1 AND NE	ALLSN 250C30S D. MEASURED (.9853) ALLSN 250C30S R2 WHEEL CYCLES. U	) .0002 UNDER SPECS	23051643 ON SPLINE ADAPTI 23035128	230052711 ER O.D. INSTALLED A NEV NOZZLE SHIELD 23062752 NOTED: CRACKED BEYON	ENGINE V SPLINE ADAPTER.  CRACKED  NR 1 ID SERVICEABLE LIMITS O	N NR1 NOZ	HEEA0014092 4/21/98 HEEA0013995 ZLE SHIELD OUTER

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
7322	706AE	SKRSKY				FUEL CONTROL	MALFUNCTIONED		4/29/98
HEEA	760275	S76A				25490925	ENGINE		HEEA0014051
	FUEL CONTROL N	MALFUNCTION. WILL N	NOT TOP. DROOPS @	90% TORQUE. UNIT	HAS EXPERIENCE	STARTING PROBLEMS			
7714	1546K	SKRSKY				INDICATOR	FAILED		4/29/98
HEEA	760082	S76A				7645001076101	GAS GEN TACH		HEEA0014076
	GAS GEN TACH N	O INDICATION ON DISI	PLAY OR ANALOG.						
2823	350BZ	SNIAS				VALVE	STUCK	839	4/29/98
HEEA	2653	AS350B2				857A1641	FUEL SYS		HEEA0014066
	VALVE STUCK.								
3412	6095S	SNIAS				THERMOMETER	READS HIGH	7	5/14/94
HEEA	2777	AS350B				K150	COCKPIT		HEEA942238
	THERMOMETER I	NDICATES 6 DEGREES	HIGH.						
3416	350BZ	SNIAS				ALTIMETER	ERROR	349	4/21/94
HEEA	2653	AS350B				5934P1	COCKPIT		HEEA942155
	ALTIMETER REAL	OS ERRONEOUSLY.							
5270	350BZ	SNIAS				SWITCH	INOP	368	5/2/94
HEEA	2653	AS350B				SP381200	LT DOOR		HEEA942154
	DOOR SWITCH IN	OPERATIVE.							
6230	4000L	SNIAS				LINK	WORN	1612	4/30/98
HEEA	2873	AS350B2				350A37112601	M/R		HEEA0014094
	SISSORS LINK BU	SHING WORN.							
6230	398MA	SNIAS				BEARING	DETERIORATED	2774	4/27/98
	1856	AS350BA			350A37000305	L522110V	M/R SHAFT		98ZZZX1681
	LOWER MAST BE	ARING OUTER RACE D	ETERIORATING, MAI	KING METAL. SUBM	ITTER STATED ENS	URE CORRECT MAST BEA	ARING SHIMMING.		
6321	40466	SNIAS				BRAKE	WORN	533	4/20/98
HEEA	3004	AS350B2				350A32050002	ROTOR		HEEA0013977
	ROTOR BRAKE OF	L SOAKED AND WORN	ī.						
6330	6100R	SNIAS				BEARING	SEPARATION		4/29/98
HEEA	2862	AS350B2			355A12004008	579063	M/R XMSN MT		HEEA0014065
	RUBBER SEPARA	TION ON 4 EACH BEAR	INGS.						
6410	333AS	SNIAS				BEARING	DELAMINATED		10/9/97
QKLA	2893	AS350B2				355A09103601	T/R		98ZZZX1644
	BEARING REMOV	ED DUE TO DELAMINA	ATION IN EXCESS OF	LIMITS. REPLACED	WITH NEW BEARIN	G SET.			
6420	4000L	SNIAS				BEARING	WORN	965	4/20/98
HEEA	2873	AS350B2				350A33211905	T/R		HEEA0013979
	T/R HEAD BEARIN								

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6520	333AS	SNIAS				BEARING	DELAMINATED		10/9/97
QKLA	2893	AS350B2				350A33215300	T/R		98ZZZX1643
	BEARING REMOVE	ED DUE TO DELAMINA	TION IN EXCESS OF	LIMITS. REPLACED	WITH NEW BEARING	SS.			
7933	6095S	SNIAS				TEMP PROBE	FAILED	2620	4/30/98
HEEA	2777	AS350B2				646600251	ENG OIL TEMP		HEEA0014095
	TEMP PROBE INOP	PERATIVE.							
7200	914ET	UROCOP	PWA			ENGINE	MALFUNCTIONED	178	3/29/98
HDNA		EC135P1	PW206B				NR 1		98ZZZX1699
	NORMALLY BELO	,	JE, ABOVE 50 PERCEN	NT, TORQUE WOULD	DECREASE. NO FUI		CAUTIONARY LANDING. ENC RED. AIRCRAFT SHUT DOWN		

(End of DOMESTIC SERVICE DIFFICULTY REPORT SUMMARY - HELICOPTERS)

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7320	942MS	AEROSP	ALLSN			CABLE	FRAYED	99	4/27/98
	5498	AS355F2	250C20F			704A34130163	NR 2 N2 CONTROL		98ZZZX1683
	CABLE FRAYED A	AND BEARING WORN C	OUT CAUSING BINDIN	NG OF N2 LINKAGE.	SUBMITTER SUGGE	ESTED INSTALLING A BET	ΓER, MORE RELIABLE SYST	EM.	
414	247RJ	AMTRMO	AMTRVW			DRIVE COUPLING	FAILED		4/17/98
	999	SONERAI2	VW2200VOLKS				ENGINE MAGNETO		98ZZZX1697
****	THE BROKEN PIEC ENGINE DURING ( EVIDENCE OF PRE	CES OF THE COUPLING CRUISE AND ULTIMAT	TO THE STATIONAR ELY THE ACCIDENT OSSIBLY CASTING FI	RY CROSS MEMBER I WHICH DESTROYED LAWS. SUBMITTER I	ENGINE MOUNT. TH THE AIRCRAFT AN	HIS FAILURE OF THE MAG ND INJURED THE PILOT. T	SULTANT FRICTION MELTI NETO COUPLING RESULTEI HE COUPLING BROKE AT T LING BE MILLED FROM A S	D IN THE FA HE KEYWA	AILURE OF THE YS AND SHOWED
7230	50046	BELL	ALLSN			CARBON SEAL	WORN	358	4/21/98
HEEA	45173	206L1	250C28B		23033191	23004513	ENG COMP		HEEA0014005
	ENGINE REMOVE. NEW SEAL.	D DUE TO TURBINE OV	/ERHAUL. INSPECTION	ON OF COMPRESSOR	R PARTS REVEALED	: WORN BEYOND SERVICE	EABLE LIMITS ON SEAL HO	USING TAN	GS. INSTALLED A
7230	2764F	BELL	ALLSN			CARBON SEAL	WORN	368	4/21/98
HEEA	45279	206L1	250C28B		23033191	23004513	ENG COMP		HEEA0014008
	ENGINE REMOVE SLOTS. INSTALLE		OR HIGH TIME IMPEL	LER. INSPECTION O	F COMPRESSOR PAI	RTS REVEALED: WORN BI	EYOND SERVICEABLE LIMI	TS ON SEAI	TANGS AND TANG
230	2770Y	BELL	ALLSN			GEAR	WORN	630	4/21/98
IEEA	45291	206L1	250C28B		23033191	23056634	SPUR ADAPTER		HEEA0014009
		D DUE TO TURBINE OV AUGE) INSTALLED A N		ON OF COMPRESSOR	PARTS REVEALED	: STEP WEAR BEYOND SEP	RVICEABLE LIMITS ON SPUI	R GEARSHA	FT AFT SPLINES
7230	2772A	BELL	ALLSN			CARBON SEAL	WORN	352	4/21/98
IEEA	45311	206L1	250C28B		23033191	23004513	ENG COMP		HEEA0014006
	ENGINE REMOVE A NEW SEAL.	D DUE TO CRACKED S	CROLL. INSPECTION	OF COMPRESSOR PA	ARTS REVEALED: V	WORN BEYOND SERVICEA	BLE LIMITS ON SEAL TANG	S AND TAN	IG SLOTS. INSTALLE
230	27766	BELL	ALLSN			GEARSHAFT	STEPWEAR	224	5/1/94
IEEA	45312	206L1	250C28B		23033191	23008090	SPUR ADAPTER		HEEA942141
		D DUE TO LOW POWER SPUR ADAPTER GEARS		OF COMPRESSOR P.	ARTS NOTED STEP	WEAR BEYOND LIMITS ON	N SPUR ADAPTER GEARSHA	FT FORWA	RD AND AFT SPLINE
230	8590X	BELL	ALLSN			GEARSHAFT	STEP WEAR	817	4/28/94
HEEA	51494	206L3	250C30P		23033193	23008090	SPUR ADAPTER		HEEA942140
		D DUE TO HIGH CYCLE SPUR ADAPTER GEARS		ISPECTION OF COMP	PRESSOR PARTS NO	TED STEP WEAR BEYOND	LIMITS ON SPUR ADAPTER	GEARSHAI	FT AFT SPLINES.
7230	8592X	BELL	ALLSN			CARBON SEAL	WORN	928	4/21/98
HEEA	51508	206L3	250C30P		23051643	23004513	ENG COMP		HEEA0014007
	ENGINE REMOVE A NEW SEAL.	D DUE TO CRACKED S	CROLL. INSPECTION	OF COMPRESSOR PA	ARTS REVEALED: V	WORN BEYOND SERVICEA	BLE LIMITS ON SEAL TANG	S AND TAN	IG SLOTS. INSTALLE

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7250	49573	BELL	ALLSN			BEARING	FAILED	921	3/30/98
	1665	206B	250C20B			A6871505	TURBINE NR 5		98ZZZX1682
	REMOVAL OF THI 01. THERE HAD B	E TURBINÈ MODULE, T EEN NO PREVIOUS SIG	HE FORWARD HALF NS OF DISTRESS, I.E	OF THE NR 5 BEARIN ., CHIP LIGHTS, ETC.	IG INNER CAGE FE ENGINE OIL FILTE	MAL NOISE WHILE TURNI LL OUT. (THIS IS A 1-PIEC R REMAINS CLEAN AT RE VOULD HAVE OCCURRED	E UNIT, NOT 2) THIS BEA MOVAL OF TURBINE. SU	ARING IS THE S SPECT THAT I	SUBJECT OF AD 96-19- BEARING FAILED
7250	104PH	BELL	ALLSN			COUPLING	WORN	697	4/21/98
HEEA	3622	206B3	250C20B		6898735	6898977	ENGINE N1		HEEA0014002
	ENGINE REMOVE	D DUE TO TURBINE OV	ERHAUL. UPON INS	PECTION OF TURBIN	E PARTS NOTED: 1	N1 COUPLING FAILED NO-	GO GAUGE. INSTALLED A	A NEW N1 COU	PLING.
7250	27766	BELL	ALLSN			COUPLING	STEPWEAR	320	5/1/94
HEEA	45312	206L1	250C28B		23033185	23032345	N1		HEEA942142
	ENGINE REMOVE	D DUE TO LOW POWER	a. UPON INSPECTION	N OF TURBINE PARTS	NOTED STEP WEA	R BEYOND LIMITS ON N1	COUPLING SPLINES. INST	TALLED NEW 1	N1 COUPLING.
7250	5737T	BELL	ALLSN			WHEEL	SULFIDATION	1489	4/25/94
HEEA	45454	206L1	250C28B		23031899	6895801	1ST STSGE		HEEA942143
	ENGINE REMOVE	D DUE TO TURBINE OV	ERHAUL. UPON INS	PECTION OF TURBIN	E PARTS NOTED S	ULFIDATION ON 1ST STAG	E WHEEL BLADES.		
7250	2250U	BELL	ALLSN			WHEEL	SULFIDATION	820	5/18/94
HEEA	45754	206L1	250C28B		23033185	6895801	1ST STAGE		HEEA942240
	ENGINE WAS REM	MOVED DUE TO WHININ	NG AT ALL POWER S	ETTINGS. UPON INSI	PECTION OF TURBI	NE PARTS NOTED SULFIC.	ATION ON 1ST STAGE WI	HEEL BLADES.	PART SCRAPPED.
7261	2125M	BELL	ALLSN			ELEMENT	FAILED		5/23/94
HEEA	45649	206L1	250C30			03808808	ENG OIL		HEEA942237
	BYPASS BUTTON	POPPED.							
7261	108W	BELL	ALLSN			TUBE	CHAFED	2100	3/12/98
	52034	206L4	250C30P			23058110A	SCAVENGE OIL		98ZZZX1701
****	THIS IS SCAVENG AND OIL LINE AN	E OIL LINE FROM BOT	TOM OF COMPRESSO OIL LINE TO THE PO	OR TO THE N1 SIDE O	F GEARBOX. ABRA E NEED EXISTS FO	L ENGINE TO ORIGINAL EI ASIVE DUST AND AIRBORN R CLAMPING DEVICES TH. IRE.	E DIRT CREEPS IN BETW	EEN HARD RU	JBBER ADEL CLAMP
7261	230UN	BELL				SHAFT SEAL	LEAK	524	4/29/94
HEEA	23009	230				6854424	NR 2 ENG		HEEA942146
	NR2 ENGINE HAS	OIL LEAK. REMOVED A	AND REPLACED GAR	LOCK SEAL.					
7261	407MM	BELL				FILTER ELEMENT	CLOGGED		4/29/98
HEEA	53060	407				23063144	ENG OIL		HEEA0014047
	ON DAILY INSPEC	CTION FOUND OIL FILT	ER BYPASS BUTTON	POPPED. REPLACED	WITH SERVICEAB	LE FILTER.			
7250	205BB	BOLKMS	ALLSN			WHEEL	SULFIDATION	1422	5/4/94
HEEA	S58	BO105C	250C20B		6898735	6886407	1ST STAGE		HEEA942239
	ENGINE REMOVE	D DUE TO HIGH CYCLE	ED WHEELS. UPON I	NSPECTION OF TURB	INE PARTS NOTED	SULFIDATION ON 1ST STA	AGE WHEEL BLADES. PAI	RT SCRAPPED.	
7250	131AE	BOLKMS	ALLSN			NOZZLE SHIELD	CRACKED	665	4/21/98
HEEA	S787	BO105S	250C20B		6898735	6890040	NR 1		HEEA0013994
		D DUE TO TURBINE CY ACK AT POSITIONING I		CTION OF TURBINE P.	ARTS NOTED: CRA	CKED BEYOND SERVICEA	BLE LIMITS ON NR1 NOZ	ZZLE SHIELD I	NNER BAND AS

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
7250	133AE	BOLKMS	ALLSN			NOZZLE SHIELD	CRACKED	753	4/21/98
HEEA	S800	BO105S	250C20B		6898735	23062750	NR1		HEEA0014003
	ENGINE REMOVE AREA ABOUT 45%		URBINE OVERHAUL	. UPON INSPECTION	OF TURBINE PART	S NOTED: CRACKED BEY	OND SERVICEABLE LIMITS	ON NR1 NO	OZZLE SHIELD DOME
7250	911EB	BOLKMS	ALLSN			TURBINE WHEEL	PITTED		4/21/98
HEEA	S812	BO105S	250C20B		6898735	6898782	2ND STAGE		HEEA0014001
		CTION REVEALED: PIT S OF .050 DEEP. INSTA			R2 WHEEL BLENDE	D AREA E (AFT) AS MARKE	ED. NOTE: BLENDING OF T	HESE PITS V	WOULD EXCEED
7250	8199J	BOLKMS	ALLSN			TURBINE WHEEL	DEFECTIVE	1738	4/20/98
HEEA	S826	BO105S	250C20B		23038241	6886407	1ST STAGE		HEEA0013981
		D DUE TO TURBINE 175 REPLACED WITH SERV		N. UPON INSPECTION	N OF TURBINE PAR	TS NOTED: CATASTROPH	IC SULFIDATION ON ALL N	R1 WHEEL I	BLADES. SCRAPPED
7250	8199J	BOLKMS	ALLSN			TURBINE WHEEL	DEFECTIVE	1738	4/20/98
HEEA	S826	BO105S	250C20B		23038241	23001967	3RD STAGE		HEEA0013980
		D DUE TO TURBINE 175 LACED WITH SERVICE		N. UPON INSPECTION	N OF TURBINE PAR	TS NOTED: SEVERE SULFI	DATION ON ALL NR3 WHE	EL BLADES.	SCRAPPED NR3
7250	7136Ј	BOLKMS	ALLSN			COUPLING	STEPWEAR	726	5/10/94
HEEA	S830	BO105S	250C20B		6898735	6898977	SPLINES		HEEA942241
		D DUE TO LOW POWER ON TURBINE TO COMP					CCESS OF THE .001" OPERA?	TION AND M	IAINTENANCE
7260	131AE	BOLKMS	ALLSN			TUBE ASSY	WORN		4/21/98
HEEA	S787	BO105S	250C20B		6894171	6876925	ENG GR BOX		HEEA0014011
	ENGINE REMOVE	D DUE TO METAL. INS	PECTION OF GEARBO	OX PARTS REVEALE	D: TUBE ASSY. FAII	LED DIMENSIONAL CHECK	X PER CEB1307. INSTALLED	A NEW TUE	BE.
7260	8199J	BOLKMS	ALLSN			TUBE ASSY	WORN	1719	4/21/98
HEEA	S826	BO105S	250C20B		6894171	6876925A	ENG GR BOX		HEEA0014010
	ENGINE REMOVE	D DUE TO METAL. INS	PECTION OF GEARBO	OX PARTS REVEALE	D: TUBE ASSY. FAII	LED DIMENSIONAL CHECK	X PER CEB1307. INSTALLED	A NEW TUE	BE.
7321	352TT	BOLKMS	ALLSN			FUEL CONTROL	FAULTY		1/13/94
HEEA	S59	BO105S	250C20B			104900A5	ENGINE		HEEA942219
	FUE CONTROL IN	TERMITTENT-STAGNA	TION IN ACCELERA	TION FROM IDLE TO	70% N1 AND ABOV	E.			
7320	967LS	BOLKMS	LYC			ACTUATOR	FAILED	181	4/16/98
BAQA	7067	BK117A3	LTS101650B1		AVP1	430110212	FLOW FENCE		98ZZZX1684
	INTERNAL BREAK	KDOWN OF AIR FLOW M	MODULATOR (FLOW	FENCE ACTUATOR)	CAUSED THE OCCU	URRENCE OF COMPRESSO	R STALLS DURING APPROA	CH TO LAN	DING.
7322	7201Q	CESSNA	LYC		FACET	CARBURETOR	WORN	3149	4/6/98
	17260501	172L	O320E2D		MA4SPA	105217	FUEL INLET	548	98ZZZX1655
	FUEL INLET FITTI	NG HAD STRIPED THR	EADS OUT OF CARB	JRETOR HOUSING A	ND LEAKING FUEL	. INSTALLED REBUILT PA	RT.		
8530	9477L	CESSNA	LYC			VALVE GUIDE	DEFECTIVE		4/9/98
	17276562	172P	O320D2J				NR 3 CYL EXH VLV	1400	98ZZZX1675
	OF THE ENGINE R		OF CARBON IN THE	NR 3 EXHAUST VAL			RUNWAY LENGTH AND ST DES WERE REAMED APPRO		

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.		DIFF. DATE OPER CONT NO
7322	1331S	CESSNA	CONT		FACET	CARBURETOR	WORN		11/5/97
	18264895	182P	O470S		MA45	1048931	MIX LEVER		97ZZZX5128
	CABLE STAYED. ( WERE LOST IN 198	CABLE ATTACH BOLT	WAS NOT WORN AT RY SINCE THEN TO I	ALL, BUT CONTROL	LEVER DID HAVE A	GROOVE WORN INTO IT A	RETOR COULD BE PUSHED T ALLOWING LEVER TO MOVE OF AIRCRAFT AND ENGINE,	E. THE OR	IGINAL LOG BOOKS
8550	3341U	CESSNA	CONT			T-FITTING	CRACKED		4/1/98
	18254741	182F	O470R			AN9171D	TURBO LT SIDE		98ZZZX1660
	LEAK HAD GONE		S A SUBSTANTIAL PC	SSIBILITY OF AN EN			TING IS LOCATED JUST AFT TEEL FITTING NEAR TURBOO		
8520	756QP	CESSNA	CONT			CRANKCASE	CRACKED	580	4/14/98
	U20604274	U206G	IO520F				NR 6 CYL STUD		98ZZZX1670
		IN THIS IMMEIDATE A					CCURRED IN CONJUNCTION ERATION'. SUSPECT CAUSE		
7414	51699	ENSTRM	LYC			POINTS	FAILED		7/8/94
	416	F28C	HIO360E1AD		D4LN2021	10382585	RT MAG	1345	94ZZZX4574
							N. OFF-AIRPORT LANDING ( SET OF POINTS, P/N 10-38258:		
7414	59829	PIPER	LYC		ELECTROSYS	MAGNETO	FAILED	1602	11/25/97
	317652081	PA31350	TIO540J2BD				DISTRIB GEARS		97ZZZX5130
		RE AND CLIMBING THI IVE GEARS WERE STRI	,	,			DOWN. UPON INSPECTION	, FOUND	THE MAGNETO
7414	59829	PIPER	LYC		ELECTROSYS	DISTRIBUTOR GEAR	CRACKED	1091	12/31/97
YECR	317652081	PA31350	TIO540J2BD		D6LN3200	10682016	MAGNETO	142	98ZZZX1664
		NSTALLED ON LEFT EN TORSIONAL VIBRATIO		WAS REMOVED 12-33	1-97 DUE TO CRACK	ED, MISSING TOOTH. PRE	VIOUS MAGNETO HAD SUFF	ERED FAI	LURES OF BOTH DIST
7414	59829	PIPER	LYC		ELECTROSYS	DISTRIBUTOR GEAR	CRACKED	1601	11/24/97
YECR	317652081	PA31350	TIO540J2BD		D6LN2230	10682016	MAGNETO		98ZZZX1665
	,	O WAS REMOVED FRO S, INC., HOWEVER, GE				OR GEAR TEETH. MAGNET	O HAD 1,601.16 HOURS SINC	E OVERH	AUL BY
7230	792CH	SKRSKY	ALLSN			SPLINE ADAPTER	MIS MFG		4/30/98
HEEA	760193	S76A	250C30S		23051643	230052711	ENGINE		HEEA0014092
	RECEIVING INSPE	CTION REVEALED: O.	D. MEASURED (.9853)	.0002 UNDER SPECS	ON SPLINE ADAPTE	ER O.D. INSTALLED A NEW	SPLINE ADAPTER.		
7250	5426U	SKRSKY	ALLSN			NOZZLE SHIELD	CRACKED	677	4/21/98
HEEA	760167	S76A	250C30S		23035128	23062752	NR 1		HEEA0013995
	ENGINE REMOVEI BAND.	D DUE TO NR1 AND NR	22 WHEEL CYCLES. U	JPON INSPECTION O	F TURBINE PARTS N	OTED: CRACKED BEYONI	O SERVICEABLE LIMITS ON I	NR1 NOZZ	ZLE SHIELD OUTER
7250	5128	SKRSKY	ALLSN			NOZZLE SHIELD	CRACKED	615	4/22/98
HEEA	760181	S76A	250C30S		23035128	6892824	NR 1		HEEA0014025
	ENGINE REMOVEI	D DUE TO TURBINE CY	CLES. UPON INSPEC	TION OF TURBINE P.	ARTS NOTED: CRAC	CKED BEYOND SERVICEAE	BLE LIMITS ON NR1 NOZZLE	SHIELD I	OOME AS MARKED.

DOMESTI	C SERVICE DIFFI	CULTY REPORT S	SUMMARY - ENG	INES (cont'd)			5/3/98 To 5/9/9	98 IS	SUE: 98-19 ZAC-327
ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
7322	706AE	SKRSKY				FUEL CONTROL	MALFUNCTIONED		4/29/98
HEEA	760275	S76A				25490925	ENGINE		HEEA0014051
	FUEL CONTROL MA	ALFUNCTION. WILL N	OT TOP. DROOPS @ 9	00% TORQUE. UNIT	HAS EXPERIENCED	STARTING PROBLEMS			
7200	914ET	UROCOP	PWA			ENGINE	MALFUNCTIONED	178	3/29/98
HDNA		EC135P1	PW206B				NR 1		98ZZZX1699
	NORMALLY BELOV	,	E, ABOVE 50 PERCEN	T, TORQUE WOULD	DECREASE. NO FUE		AUTIONARY LANDING. ENG ED. AIRCRAFT SHUT DOWN.		

(End of DOMESTIC SERVICE DIFFICULTY REPORT SUMMARY - ENGINES)

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
3425	866MP	AEROSP				SYNCHRO	DEFECTIVE		4/9/94
HEEA	5089	AS355F1			KA51A	071105304	COCKPIT HSI		HEEA942216
	HSI 20 DEGREES -	100 DEGREES OFF.							
3452	5785Y	AEROSP				TRANSPONDER	INOP		5/7/94
HEEA	5105	AS355F1			KT76	066106200	COCKPIT		HEEA942178
	TRANSPONDER PU	JTS OUT NO SIGNAL. T	ROUBLESHOT AND I	REPLACED TRANSIS	ΓOR Q415, CAVITY (	OSCILLATOR V101 AND AI	OJUSTED 9 VOLT POWER S	SUPPLY. REP	AIRED PROBLEM.
3425	789DS	BEECH				FLIGHT DIRECTOR	FAILED		4/20/98
HEEA	BB478	200BEECH				4018369902	COCKPIT		HEEA0013989
	FLT DIR INOPERA	TIVE.							
441	500PH	BEECH				PROCESSOR UNIT	FAILED		5/1/98
HEEA	BL29	200BEECH				6222898012	COCKPIT		HEEA0014101
	RNAV PROCESSOI	R UNIT HAS SOME SEG	MENTS THAT ARE IN	OPERATIVE.					
3418	163SP	BEECH				LIFT DETECTOR	SHORTED	219	11/21/97
RT2R	TE872	E55				1513	SWITCH		97ZZZX5114
		OID FALSE STALL IND	DICATIONS.						
	ASSEMBLY TO AV	OID FALSE STALL IND	OICATIONS.						
3454	216HA	BEECH			COLLINS	RECEIVER	BURNED	10186	3/13/98
3454	TH733	58				6222080011	COCKPIT NAV		98ZZZX1658
3454	TH733	58 TED RIC. EN ROUTE, C	CREW NOTED BURNE	D ODOR AND THE N		6222080011			98ZZZX1658
	TH733 AIRCRAFT DEPAR	58 TED RIC. EN ROUTE, C	CREW NOTED BURNE	D ODOR AND THE N		6222080011	COCKPIT NAV		98ZZZX1658
2312	TH733 AIRCRAFT DEPAR AND RETURNED T	58 TED RIC. EN ROUTE, C TO RIC.	CREW NOTED BURNE	D ODOR AND THE N		6222080011 SMOKE (A WHISP). CREW	COCKPIT NAV PULLED THE CIRCUIT BR		98ZZZX1658 HE AFFECTED UNIT
2312	TH733 AIRCRAFT DEPAR AND RETURNED T 2272V 3621	58 TED RIC. EN ROUTE, C TO RIC. BELL 206B			AV UNIT EMITTED :	6222080011 SMOKE (A WHISP). CREW TRANSCEIVER 064105430	COCKPIT NAV PULLED THE CIRCUIT BR MALFUNCTION	EAKER OF TI	98ZZZX1658 HE AFFECTED UNIT 4/14/94 HEEA942171
2312 HEEA	TH733 AIRCRAFT DEPAR AND RETURNED T  2272V 3621 SCRATCHY RECER	58 TED RIC. EN ROUTE, C TO RIC. BELL 206B			AV UNIT EMITTED :	6222080011 SMOKE (A WHISP). CREW TRANSCEIVER 064105430	COCKPIT NAV PULLED THE CIRCUIT BR  MALFUNCTION COCKPIT	EAKER OF TI	98ZZZX1658 HE AFFECTED UNIT 4/14/94 HEEA942171
2312 HEEA	TH733 AIRCRAFT DEPAR AND RETURNED T  2272V 3621 SCRATCHY RECER GOOD.	58 TED RIC. EN ROUTE, C TO RIC.  BELL 206B PTION ON 123:00. DISPI			AV UNIT EMITTED :	6222080011 SMOKE (A WHISP). CREW TRANSCEIVER 064105430 EPTION PROBLEM. REPLACE	COCKPIT NAV PULLED THE CIRCUIT BR  MALFUNCTION COCKPIT CED DS901 DISPLAY AND I	EAKER OF TI	98ZZZX1658 HE AFFECTED UNIT 4/14/94 HEEA942171 JENCH CHECK
2312 HEEA	TH733 AIRCRAFT DEPAR AND RETURNED T  2272V 3621 SCRATCHY RECER GOOD.  6251X 51552	58 TED RIC. EN ROUTE, COO RIC.  BELL 206B PTION ON 123:00. DISPI			AV UNIT EMITTED :	6222080011 SMOKE (A WHISP). CREW TRANSCEIVER 064105430 EPTION PROBLEM. REPLACE RECEIVER	COCKPIT NAV PULLED THE CIRCUIT BR  MALFUNCTION COCKPIT CED DS901 DISPLAY AND I	EAKER OF TI	98ZZZX1658 HE AFFECTED UNIT  4/14/94 HEEA942171 SENCH CHECK  4/22/98
2312 HEEA 2312 HEEA	TH733 AIRCRAFT DEPAR AND RETURNED T  2272V 3621 SCRATCHY RECER GOOD.  6251X 51552	58 TED RIC. EN ROUTE, CO RIC.  BELL 206B PTION ON 123:00. DISPI  BELL 206L3			AV UNIT EMITTED :	6222080011 SMOKE (A WHISP). CREW TRANSCEIVER 064105430 EPTION PROBLEM. REPLACE RECEIVER	COCKPIT NAV PULLED THE CIRCUIT BR  MALFUNCTION COCKPIT CED DS901 DISPLAY AND I	EAKER OF TI	98ZZZX1658 HE AFFECTED UNIT  4/14/94 HEEA942171 SENCH CHECK  4/22/98
2312 HEEA 2312 HEEA 2312 HEEA	TH733 AIRCRAFT DEPAR AND RETURNED T  2272V 3621 SCRATCHY RECER GOOD. 6251X 51552 NAV COMM RECE	58 TED RIC. EN ROUTE, COORIC.  BELL 206B PTION ON 123:00. DISPI  BELL 206L3 IVER NO DISPLAY.			AV UNIT EMITTED :	6222080011 SMOKE (A WHISP). CREW TRANSCEIVER 064105430 EPTION PROBLEM. REPLACE RECEIVER 069102435	COCKPIT NAV PULLED THE CIRCUIT BR  MALFUNCTION COCKPIT CED DS901 DISPLAY AND I  FAILED NAV/COMM	EAKER OF TI	98ZZZX1658 HE AFFECTED UNIT  4/14/94 HEEA942171 ENCH CHECK  4/22/98 HEEA0014013
2312 HEEA 2312 HEEA	TH733 AIRCRAFT DEPAR AND RETURNED T  2272V 3621 SCRATCHY RECER GOOD. 6251X 51552 NAV COMM RECE 6160Z 51610 HIGH NOISE WHEI	58 TED RIC. EN ROUTE, COO RIC.  BELL 206B PTION ON 123:00. DISPI BELL 206L3 IVER NO DISPLAY. BELL 206L3	LAY GOING OUT. VEI	RIFIED FAULTY DISF	AV UNIT EMITTED : PLAY; BUT NO RECE KX155	6222080011 SMOKE (A WHISP). CREW TRANSCEIVER 064105430 EPTION PROBLEM. REPLACE RECEIVER 069102435 TRANSCEIVER 064105430	COCKPIT NAV PULLED THE CIRCUIT BR  MALFUNCTION COCKPIT CED DS901 DISPLAY AND I FAILED NAV/COMM  DEFECTIVE	EAKER OF TI	98ZZZX1658 HE AFFECTED UNIT  4/14/94 HEEA942171 ENCH CHECK  4/22/98 HEEA0014013  4/29/94 HEEA942170
2312 HEEA 2312 HEEA 2312 HEEA	TH733 AIRCRAFT DEPAR AND RETURNED T  2272V 3621 SCRATCHY RECER GOOD. 6251X 51552 NAV COMM RECE 6160Z 51610 HIGH NOISE WHEI	58 TED RIC. EN ROUTE, COO RIC.  BELL 206B PTION ON 123:00. DISPI  BELL 206L3 IVER NO DISPLAY.  BELL 206L3 N KEYING MIKE FOR FI	LAY GOING OUT. VEI	RIFIED FAULTY DISF	AV UNIT EMITTED : PLAY; BUT NO RECE KX155	6222080011 SMOKE (A WHISP). CREW TRANSCEIVER 064105430 EPTION PROBLEM. REPLACE RECEIVER 069102435 TRANSCEIVER 064105430	COCKPIT NAV PULLED THE CIRCUIT BR  MALFUNCTION COCKPIT CED DS901 DISPLAY AND I FAILED NAV/COMM  DEFECTIVE COCKPIT	EAKER OF TI	98ZZZX1658 HE AFFECTED UNIT  4/14/94 HEEA942171 ENCH CHECK  4/22/98 HEEA0014013  4/29/94 HEEA942170
2312 HEEA 2312 HEEA 2312 HEEA	TH733 AIRCRAFT DEPAR AND RETURNED T  2272V 3621 SCRATCHY RECER GOOD. 6251X 51552 NAV COMM RECER 6160Z 51610 HIGH NOISE WHEN ADJUSTED SQUEL	58 TED RIC. EN ROUTE, COORIC.  BELL 206B PTION ON 123:00. DISPI  BELL 206L3 IVER NO DISPLAY.  BELL 206L3 N KEYING MIKE FOR FI	LAY GOING OUT. VEI	RIFIED FAULTY DISF	AV UNIT EMITTED : PLAY; BUT NO RECE KX155	6222080011 SMOKE (A WHISP). CREW TRANSCEIVER 064105430 SPTION PROBLEM. REPLACE RECEIVER 069102435 TRANSCEIVER 064105430 DME DISPLAY SEGMENTS	COCKPIT NAV PULLED THE CIRCUIT BR  MALFUNCTION COCKPIT CED DS901 DISPLAY AND I FAILED NAV/COMM  DEFECTIVE COCKPIT INOPERATIVE. REPLACES	EAKER OF TI	98ZZZX1658 HE AFFECTED UNIT  4/14/94 HEEA942171 ENCH CHECK  4/22/98 HEEA0014013  4/29/94 HEEA942170 S901. REPAIRED AN
2312 HEEA 2312 HEEA	TH733 AIRCRAFT DEPAR AND RETURNED T  2272V 3621 SCRATCHY RECER GOOD. 6251X 51552 NAV COMM RECE 6160Z 51610 HIGH NOISE WHEI ADJUSTED SQUEL  206LS 51070	58 TED RIC. EN ROUTE, COO RIC.  BELL 206B PTION ON 123:00. DISPI  BELL 206L3 IVER NO DISPLAY.  BELL 206L3 N KEYING MIKE FOR FI CH AND SIDE TONE. BELL	LAY GOING OUT. VEI	RIFIED FAULTY DISF	AV UNIT EMITTED : PLAY; BUT NO RECE KX155	6222080011 SMOKE (A WHISP). CREW TRANSCEIVER 064105430 SPTION PROBLEM. REPLACE RECEIVER 069102435 TRANSCEIVER 064105430 DME DISPLAY SEGMENTS AUDIO PANEL	COCKPIT NAV PULLED THE CIRCUIT BR  MALFUNCTION COCKPIT CED DS901 DISPLAY AND I  FAILED NAV/COMM  DEFECTIVE COCKPIT INOPERATIVE. REPLACEI FAILED	EAKER OF TI	98ZZZX1658 HE AFFECTED UNIT  4/14/94 HEEA942171 EENCH CHECK  4/22/98 HEEA0014013  4/29/94 HEEA942170 S901. REPAIRED AN  4/22/98
2312 HEEA 2312 HEEA 2312 HEEA	TH733 AIRCRAFT DEPAR AND RETURNED T  2272V 3621 SCRATCHY RECER GOOD. 6251X 51552 NAV COMM RECE 6160Z 51610 HIGH NOISE WHEI ADJUSTED SQUEL  206LS 51070	58 TED RIC. EN ROUTE, COO RIC.  BELL 206B PTION ON 123:00. DISPI  BELL 206L3 IVER NO DISPLAY.  BELL 206L3 N KEYING MIKE FOR FI CH AND SIDE TONE. BELL 206L3	LAY GOING OUT. VEI	RIFIED FAULTY DISF	AV UNIT EMITTED : PLAY; BUT NO RECE KX155	6222080011 SMOKE (A WHISP). CREW TRANSCEIVER 064105430 SPTION PROBLEM. REPLACE RECEIVER 069102435 TRANSCEIVER 064105430 DME DISPLAY SEGMENTS AUDIO PANEL	COCKPIT NAV PULLED THE CIRCUIT BR  MALFUNCTION COCKPIT CED DS901 DISPLAY AND I  FAILED NAV/COMM  DEFECTIVE COCKPIT INOPERATIVE. REPLACEI FAILED	EAKER OF TI	98ZZZX1658 HE AFFECTED UNIT  4/14/94 HEEA942171 EENCH CHECK  4/22/98 HEEA0014013  4/29/94 HEEA942170 S901. REPAIRED AN  4/22/98
2312 HEEA 2312 HEEA 2312 HEEA	TH733 AIRCRAFT DEPAR AND RETURNED T  2272V 3621 SCRATCHY RECER GOOD. 6251X 51552 NAV COMM RECER 6160Z 51610 HIGH NOISE WHEI ADJUSTED SQUEL  206LS 51070 PA CHANNEL INO	TED RIC. EN ROUTE, CO RIC.  BELL 206B PTION ON 123:00. DISPI  BELL 206L3 IVER NO DISPLAY.  BELL 206L3 N KEYING MIKE FOR FI CH AND SIDE TONE. B  BELL 206L3 PERATIVE AND DUAL S	LAY GOING OUT. VEI	RIFIED FAULTY DISF	AV UNIT EMITTED ; PLAY; BUT NO RECE  KX155  NORMAL. FOUND SO	6222080011 SMOKE (A WHISP). CREW TRANSCEIVER 064105430 EPTION PROBLEM. REPLACE RECEIVER 069102435 TRANSCEIVER 064105430 DME DISPLAY SEGMENTS AUDIO PANEL 066105552	COCKPIT NAV PULLED THE CIRCUIT BR  MALFUNCTION COCKPIT CED DS901 DISPLAY AND I  FAILED NAV/COMM  DEFECTIVE COCKPIT INOPERATIVE. REPLACED FAILED COCKPIT	EAKER OF TI	98ZZZX1658 HE AFFECTED UNIT  4/14/94 HEEA942171 ENCH CHECK  4/22/98 HEEA0014013  4/29/94 HEEA942170 S901. REPAIRED AN  4/22/98 HEEA0014017

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
2562	6610E	BELL			NARCO	ELT	DEFECTIVE		4/29/98
HEEA	51424	206L3				ELT10	COCKPIT		HEEA0014086
	ELT RESET BUTTO	ON WILL NOT SPRING	BACK.						
3421	11027	BELL				ROTOR ASSY	DEFECTIVE		5/1/98
HEEA	45411	206L1				2360041905	INDICATOR		HEEA0014110
	ROTOR ASSY BEA	RINGS ARE BAD.							
3422	4180F	BELL				GYRO	DEFECTIVE		2/26/94
HEEA	51469	206L3				102005403	COCKPIT		HEEA942218
	HORIZ GYRO SLO	W TO ERECT, REPORT	ED PRECESSING.						
3423	22425	BELL				COMPASS	LEAKING		4/22/98
HEEA	45743	206L1				C2300DL4B	COCKPIT		HEEA0014029
	COMPASS LEAKIN	NG.							
3444	8594X	BELL				INDICATOR	STICKS		4/25/94
HEEA	51531	206L3			KI250	066305401	COCKPIT		HEEA942180
	NEEDLE STICKS A CHECK GOOD.	AT 500 FEET. LOOSE W.	ASHERS INSIDE OF U	NIT. TROUBLESHOT	AND REMOVED LO	OSE WASHERS FROM INS	IDE OF UNIT AND REPLACI	ED BEZEL A	SSEMBLY. BENCH
3452	3181J	BELL				TRANSPONDER	KNOB BROKEN		5/14/94
HEEA	3771	206B			KT76	066106200	COCKPIT		HEEA942215
	BROKEN KNOB. R	EPLACED KNOB AND	ALSO REPLACED DET	TERIORATED RESIST	OR R477. REPAIREI	PROBLEM.			
3452	3181Y	BELL				TRANSPONDER	FAILED		4/29/98
HEEA	3772	206B3			KT76	066106200	COCKPIT		HEEA0014057
		E DIAL, DO NOT MATC TO SPECS. BENCH CH		R TRANSMITTING. FO	OUND UNIT SHOWIN	NG FALSE PULSES. CLEAN	NED WAFER SWITCHES. RE	PAIRED. AI	JUSTED PULSE WIDTI
3452	2759U	BELL				TRANSPONDER	INOP		4/27/94
HEEA	45267	206L1			KT76	066106200	COCKPIT		HEEA942176
	ATC NOT RECEIVE	ING. TROUBLESHOT A	ND REPLACED V101 (	OSCILLATOR, R477 R	ESISTOR AND FACE	EPLATE. REPAIRED. PERF	FORMED MOD 6 BY INSTAL	LING Q415 S	PACER. REPAIRED.
3452	2250U	BELL				TRANSPONDER	INTERMITTENT		3/21/94
HEEA	45754	206L1			KT76	066106200	COCKPIT		HEEA942175
		PERATION. TROUBLES R DIODE AND DETERIO				202, CAPACITORS, C202 A	ND C204, TRANSISTOR Q20	1, FUSE F40	, MIXER DIODE AND
3452	21497	BELL				TRANSPONDER	FAILED		4/29/98
HEEA	51518	206L3			KT76	066106200	COCKPIT		HEEA0014053
	MODE "C" REPOR	TED INOPERATIVE BY	ATC. PERFORMED PE	RELIMINARY INSPEC	TION. FOUND PULS	SE WIDTH TO BE OUT OF S	SPECS AND REPLY LIGHT T	O CONSTAN	TLY BLINK.
3457	9907K	BELL				GPS	FAILED	1422	4/16/98
LS1R	2040	206B			GPS150	0110005400	COCKPIT		98ZZZX1685
	GPS WILL NOT PIO	CK UP SATELLITE UNIT	Γ SENT TO MANUFAC	TURER FOR REPAIR	. CONTROL NR 984-	9.			
3457		BELL				GPS	DEFECTIVE		4/29/98
HEEA		206L1			GPS 150	0110005400	COCKPIT		HEEA0014055
	GPS NO LONGER		C. BENCH CHECK REC	OURED PERFORME			T TO BUTTON UNREADAB	LE	

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3457	22425	BELL				GPS	FAILED		4/29/98
HEEA	45743	206L1			GPS 150	0110005400	COCKPIT		HEEA0014056
	GPS TAKES 30 MIN	NUTES TO COME ON. P.	ERFORMED PRELIMI	NARY INSPECTION.	FOUND UNIT TO HA	VE UNREADABLE ENTRY	AND CRSR BUTTONS.		
3455	5736Ј	BELL				RECEIVER	FAILED		4/29/98
HEEA	31140	212				066104701	COCKPIT ADF		HEEA0014058
	ADF RECEIVER W NO HELP.	EAK RECEIVE AND NO	OT POINTING CORREC	CTLY IN ADF MODE.	INSPECTED AND FO	UND ADF MODE SIGNAL	WEAK AND NOT POINTING.	TRIED AL	IGNING RECEIVER.
3457	2FOR	BELL				GPS	DEFECTIVE		4/23/94
HEEA	30888	212			SKYNAV5000	0845000000	COCKPIT		HEEA942185
	INTERMITTENTLY	DISPLAYS CHARACT	ERS.						
2210	23023	BELL				TARSYN	FAILED		4/29/98
HEEA	33080	412				2593996333	AUTO FLIGHT		HEEA0014071
	FAILS TEST 6.2 ON	SST. COMPASS CARE	WILL NOT MOVE.						
2210	2148K	BELL				COMPUTER	FAILED		4/20/98
HEEA	36001	412				7000298901	AFCS		HEEA0013988
	AFCS COMPUTER	FAILED. ROLL ACTUA	ATOR HUNTS BOTH D	DIRECTIONS.					
312	3893L	BELL				TRANSEIVER	DEFECTIVE		4/29/98
HEEA	33006	412				7001840913	COCKPIT DISPLAY		HEEA0014087
	50,250,400, AND 12	200 LEDS WILL NOT LI	GHT.						
2312	3893S	BELL				TRANSCEIVER	GARBLED		2/7/94
HEEA	33022	412			KTR905	064100900	COCKPIT		HEEA942169
	GARBLED. SENT T	O ALLIED SIGNAL AV	IONICS FOR INSPECT	TION AND REPAIR.					
2312	2258F	BELL				TRANSCEIVER	MALFUNCTION		4/29/98
HEEA	33073	412				7001840913	COCKPIT		HEEA0014079
	TRANSCEIVER PO	WER OUT FLUCTUATE	ES WHEN VIBRATED.						
2312	23023	BELL				COMM CONTROL	DEFECTIVE		4/19/94
HEEA	33080	412				071121540	COCKPIT		HEEA942182
	DIGITS TOO DIM I FREQUENCY. REF		ED DISPLAY DS901 A	ND FRONT LENS ON	FACEPLATE. ALSO	REPLACED TRANSFER SV	WITCH S102 FOR INTERMITT	ENT TRAN	ISFER OF
2312	141PH	BELL				TRANSCEIVER	MALFUNCTION		4/29/98
HEEA	33197	412				7001840913	COCKPIT		HEEA0014078
	TRANSCEIVER PO	WER OUT FLUCTUATE	ES WHEN VIBRATED.						
2312	33008	BELL				COMM CONTROL	DEFECTIVE		4/26/94
HEEA	36004	412				071121540	COCKPIT		HEEA942183
	CANNOT CHANGE REPAIRED PROBL		ALL KNOB. CLEANED	KHZ SELECTOR SW	ITCH S104. ALSO FC	OUND INTERMITTENT TRA	ANSFER SWITCH S102. REPLA	ACED TRAI	NSFER SWITCH S102.
2370	22608	BELL				CVR	FAILED		4/29/98
HEEA	33075	412				9806020023	COCKPIT		HEEA0014054
	CVR CAUSES THE	"TEST" LIGHT TO STA	Y ILLUMINATED CO	NSTANTLY.					

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2370	2298Z	BELL				CVR	MALFUNCTION	3885	4/22/98
HEEA	33077	412				9806019001	COCKPIT		HEEA0014012
	CVR NEEDS EVAL	UATION.							
3120	108X	BELL				CLOCK	MALFUNCTION		4/22/98
HEEA	33115	412				212075514001	COCKPIT		HEEA0014031
	CLOCK LOSES TIM	MES.							
3414	7128R	BELL				INDICATOR	DEFECTIVE		4/20/98
HEEA	36007	412				412075009105	COCKPIT		HEEA0013986
	AIRSPEED IND EX	CESSIVE CASE LEAKA	GE AND READ OUT (	OF TOLERANCE.					
3416	293CA	BELL				ALTIMETER	ERROR		4/29/98
HEEA	33005	412				5035P2P44	COCKPIT ENCODE		HEEA0014083
	ENCODING ALT II	NDICATES 200 FEET LC	OW OUT OF TOLERAN	NCE.					
3416	293CA	BELL				ALTIMETER	FAILED		4/29/98
HEEA	33005	412				5035P2P44	COCKPIT ENCODE		HEEA0014082
	ENCODER READS	OUT OF TOLERANCE	AT 10,000 FEET AND .	ABOVE.					
3416	2261D	BELL				ALTIMETER	DEFECTIVE		3/3/94
HEEA	33076	412				1003511326	COCKPIT		HEEA942217
	ALTIMETER HAS	EXCESSIVE FRICTION 1	ERROR.						
3421	3893N	BELL				INDICATOR	FAILED		5/1/98
HEEA	33010	412				1113034	FLT DIRECTOR		HEEA0014108
	FD FLAG NOT RET	TRACTING WHEN POW	ER IS ON.						
3421	108X	BELL				INDICATOR	FAILED		5/1/98
HEEA	33115	412				1113034	COCKPIT		HEEA0014109
	ATTITUDE INDICA	ATOR WILL NOT OPER.	ATE IN PITCH.						
3425	2298Z	BELL				INDICATOR	ERRATIC		4/16/94
HEEA	33077	412				1113025	COCKPIT HSI		HEEA942223
	CROSS TRACK DE	VIATION POINTER HA	S A ERRATIC OPERA	TION.					
3425	22347	BELL				INDICATOR	STICKS		4/29/98
HEEA	36005	412				1113025	COCKPIT		HEEA0014081
	HSI INDICATOR H	EADING SET POINTER	STICKS INTERMITTI	ENTLY.					
3444	108X	BELL				INDICATOR	STICKS		4/29/98
HEEA	33115	412				7000839904	RADAR ALT		HEEA0014080
	RADAR ALT NEEI	DLE STICKS AT 210 FEE	ET.						
	4391S	BOLKMS				TRANSCEIVER	DEFECTIVE		5/9/94
2312									

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2562	54191	BOLKMS			NARCO	ELT	FAILED		4/22/98
HEEA	S804	BO105S				ELT10	BATTERY		HEEA0014026
	BATTERY INOPER	ATIVE. TIME SINCE R	EPAIR 0:00.						
3416	54191	BOLKMS			ACK	ENCODER	FLUCTUATES		4/4/94
HEEA	S804	BO105S				A30	COCKPIT		HEEA942136
	ENCODER OUTPU	T FLUCTUATES 200 FE	ET CONTINOUSLY.						
3422	205BB	BOLKMS				GYRO	DEFECTIVE		3/3/94
HEEA	S58	BO105S			KG102A	060001500	COCKPIT		HEEA942209
	GYRO WILL NOT I	BECOME VALID AND H	EADING IS UNSTAB	LE. TIME SINCE REF	PAIR 175:00.				
3422	4391S	BOLKMS				GYRO	TRIPS BREAKER		5/2/94
HEEA	S787	BO105S			KG102A	060001500	COCKPIT		HEEA942210
	GYRO POPS CIRCU	JIT BREAKER. TIME SI	NCE REPAIR 0:00.						
3452	5368F	BOLKMS				TRANSPONDER	INOP		4/18/94
HEEA	S718	BO105CB*			KT76	066106200	COCKPIT		HEEA942177
		D TRANSPONDER WAS ENCH CHECK GOOD.	NOT WORKING. TR	OUBLESHOT AND RE	EPLACED V101 (TUB	E), R441 (RESISTOR), R429	(RESISTOR). ADJUSTED T	HE RECEIVE	R AND
3452	8197X	BOLKMS				TRANSPONDER	INOP		4/11/94
HEEA	S808	BO105S			KT76	066106200	COCKPIT		HEEA942174
	TRANSCEIVER IN	OPERATIVE. TROUBLE	SHOT AND ADJUSTE	ED LOW POWER OUT.	. ALSO REPLACED I	DETERIORATED RESISTOR	R R477. REPAIRED PROBLE	EM. BENCH (	CHECK GOOD.
3452	7136Ј	BOLKMS				TRANSPONDER	BROKEN		5/16/94
HEEA	S830	BO105S				066106200	COCKPIT		HEEA942213
	TRANSCEIVER FA	CE COVER BROKEN. R	EPLACED FACEPLAT	TE ASSY, DETERIORA	ATED RESISTOR R47	7 AND PHOTOCELL V301.	ADJUSTED SIDE LOBE SU	PRESSION. R	EPAIRED PROBLEM.
2210	911NC	BOLKMS				SPAS COMPUTER	DEFECTIVE		1/22/94
HEEA	7026	BK117A3				11788292	COCKPIT		HEEA942227
	SPAS LIGHT ILLUI	MINATES AS SOON AS	SWITCH IS PUT INTO	POSITION - SPAS OF	PERATES NORMALL	Y IN FLIGHT.			
2312	911TL	BOLKMS				TRANSCEIVER	DEFECTIVE		5/4/94
HEEA	7198	BK117B1				064105430	COCKPIT		HEEA942212
	TRANSCEIVER NO	DISPLAY.							
3420	134AE	BOLKMS				INDICATOR	DEFECTIVE		4/22/98
HEEA	7237	BK117B2				4021541671	COCKPIT		HEEA0014032
	ARTIFICIAL HORI	Z INDICATOR INTERNA	AL LIGHTS SHORTED	).					
3457	911TL	BOLKMS				GPS	FAILED		4/20/98
HEEA	7198	BK117B1			SKYNAV 5000	0845000000	COCKPIT		HEEA0013985
	INTERMITTENTLY WITHOUT PRESSI		SHUTTING DOWN. 1	NOT AIRCRAFT WIRI	NG. DOES SAME WI	HEN POWERED UP ON BEI	NCH. FOUND UNIT TO LOC	K UP AND C	HANGES MODES
6113	7353S	CESSNA				BULKHEAD	CRACKED	2302	11/7/97
	18265144	182P				075263717	SPINNER		97ZZZX5126
	FOUND SPINNER I TIMES AT 1,560 - 1		AT ATTACHMENT B	OLTS. SUBMITTER S	TATED THIRD BULF	KHEAD FOUND CRACKED	THIS YEAR. OTHER AIRC	RAFT RECOF	DS SHOW PART

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	2111121112
3414	31217	SKRSKY				INDICATOR	FAILED		5/1/98
HEEA	760229	S76A				8502CS20LW	COCKPIT		HEEA0014102
	AIRSPEED INDICA	ATOR INDICATES HIGH	OUT OF TOLERANCE	Ξ.					
3421	1547D	SKRSKY				INDICATOR	PRECESSES		5/1/98
HEEA	760077	S76A				125780	COCKPIT ADI		HEEA0014107
	ADI INDICATOR F	PRECESSING IN FLIGHT							
3425	1545K	SKRSKY				INDICATOR	INTERMITTENTLY		4/15/94
HEEA	760047	S76A				1113025	COCKPIT HSI		HEEA942225
	NAV FLAG AND D	DEVIATION BAR WORK	S INTERMITTENTLY.						
3425	1546K	SKRSKY				INDICATOR	NEEDLE STICKS		4/23/94
HEEA	760082	S76A				1113025	COCKPIT HSI		HEEA942224
	HEADING NEEDL	E STICKS							
3425	5435V	SKRSKY				INDICATOR	DEFECTIVE		3/23/94
HEEA	760158	S76A				1113025	COCKPIT HSI		HEEA942226
	INDICATOR CAUS	SES SECOND HSI TO BE	180 DEGREES OFF W	HEN THIS UNIT IS IN	N THE COMMAND M	ODE. TIME SINCE REPAIR	0:00.		
3454	3122G	SKRSKY				RECEIVER	MALFUNCTION		5/2/94
HEEA	760232	S76A				066400700	COCKPIT		HEEA942181
		OULD NOT TEST ON VONCH CHECK GOOD.	OR FREQUENCY. INSF	ECTED FOR CORRO	SION, ADJUSTED VO	OR TRACKING, GLIDESCO	PE CENTERING, GLIDESCOP	E SENSE A	ND GLIDESCOPE
3416	350BZ	SNIAS				ALTIMETER	ERROR	349	4/21/94
HEEA	2653	AS350B				5934P1	COCKPIT		HEEA942155
	ALTIMETER REAL	OS ERRONEOUSLY.							

#### DOMESTIC SERVICE DIFFICULTY REPORT SUMMARY - PROPELLERS

5/3/98 - 5/9/98 ISSUE: 98-19 ZAC-327

ATA REG. NO OPER SERIAL NO

ACFT MAKE ACFT MODEL ENG MAKE ENG MDL

PROP MAKE PROP MDL

COMP MFG COMP MDL PART NAME PART NUMBER PART COND PART LOC.

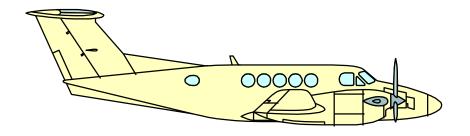
TT DIFF. DATE
TSO OPER CONT NO

(There was no data for this report.)

(End of DOMESTIC SERVICE DIFFICULTY REPORT SUMMARY - PROPELLERS)



# INTERNATIONAL SERVICE DIFFICULTY REPORT



ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
2421		AYRES	PWA		SKYTRONICS	ROTOR	SHORTED	148	6/28/93
		S2RNORMAL	R1340AN1		765ST	761	ALTERNATOR		CA930709211
	()					G LOOSE AND WORN. AS A XIMATELY 100 TO 150 HC	ALL PARTS WERE LOOSE, R DURS	ROTOR STAF	TED BANGING INTO
5610		BEECH	PWA		PPG	WINDSHIELD	CRACKED	40	11/29/93
		A100	PT6A28		5042006931	BA2918	LH		CA931208201
	(CAN) IN CRUISE V	WITH W/S HEAT ON WI	NDSHIELD CRACKE	D. PART TC: 82.					
5753		BEECH	PWA			SKIN	DEFECTIVE		9/25/97
		100BEECH	PT6A28			5016000389	FLAP		CA971007009
	STAMPED. IF THE		S RECEIVED WOULD	RESULT IN A TWIST	ΓED FLAP. BEECH IS		ING THEM ITEM APPEAREI NG CONFORMITY CHECK (		
2720		BEECH	PWA		FISHER	REGULATOR	FAILED	1958	7/12/93
		200BEECH	PT6A41			115241791	RUDDER BOOST		CA930715601
	"OFF", BUT RUDDI		N FULL LEFT POSITION				APPLIED FULL LEFT RUDD ION. AT END OF LANDING		
5740		BEECH	CONT			DRAIN	PLUGGED	3584	6/23/93
		F33A	IO520B				LT/RT WING FTNG		CA930709206
	(CAN) LT AND RT	WING UPPER ATTACH	MENT FITTING DRAI	IN HOLES PLUGGED	CAUSING ACCUMUI	LATION OF WATER WHIC	H EGRESSED INTO WING A	TTACHMEN	T BOLT BORES.
3233		BEECH	CONT			MOTOR	OVERHEATED	29	12/1/93
		95B55B	IO470L		9581001719		LDG GEAR		CA931207019
	(CAN) LANDING G OVERHEATING ON		N, U/C ONLY EXTEND	DED PART WAY AND	AN ELECTRIC SMEL	LL WAS NOTICEABLE. EL	ECTRIC MOTOR FOUND TU	RNING SLO	WLY AND
7602		BEECH	CONT			CABLE	BROKEN		11/4/97
		95B55	IO470L			5038901021	MIXTURE	10	CA971121003
	` '						'. AIRCRAFT RETURNED T D FAILURE OF THIS KIND.	O DEPARTU	RE POINT.
7602		BEECH	CONT			CABLE	BROKE		10/29/97
		95B55	IO470L			5038901021	MIXTURE	52	CA971121002
	` '	E WAS REPORTED AS YPE OF OCCURRENCE.		ONSE. MAINTENANO	CE INVESTIGATION	FOUND THE MIXTURE CA	BLE HAD BROKEN AT THE	ROD END T	O THE ENGINE. THIS
7602		BEECH	CONT			CABLE	BROKE		10/8/97
		95B55	IO470L			5038901021	MIXTURE	1363	CA971121001
	` '						ROLLING BACK TO IDLE C TTHE ENGINE. CABLE RE		PPING THE ENGINE.
2742		BEECH	PWA			ACTUATOR	INOPERATIVE		10/15/97
		99	PT6A28			11538011119	HORZ STAB	3941	CA971113063
	` '					OR WAS PREVIOUSLY SE IN PROGRESS. PART TC:	NT IN FOR REPAIR OF MAIN 7,318.	N TRIM MOT	OR AND FAILED IN

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2742		BEECH	PWA		TALLEY	ARMATURE	OPEN	398	7/6/93
		B99	PT6A28		1136T10023	8F353	PITCH TRIM ACT		CA930722202
	(CAN) ARMATURI	E LEADS "FLYING" AW	AY FROM COMMUTA	ATOR, EVEN THOUGH	H LEADS ARE STRA	PPED DOWN. THUS, INTE	RMITTENT OPERATION OF I	PITCH TRIM	ACTUATOR.
2720		CESSNA				CABLE	FRAYED		10/8/93
		150L				41749	RUDDER LT		CA931018601
	(CAN) RUDDER CO BOTH ENDS OF CA		ND CORRODED AND	FRAYED. RT CABLE	P/N 040010750. RT I	PROBLEM ABOUT 6 INCHE	S FROM RUDDER END AT P	ULLEY. LT	CABLE PROBLEM A
511		CESSNA				RIB	CRACKED	9722	6/30/93
		152				53215	HORIZONTAL STAB		CA930719401
	(CAN) CRACKING	SOUND NOTED ON HO	RIZONTAL STAB DU	RING INSPECTION.C	RACK FOUND IN LE	I INBD STAB NOSE RIB & I	LEADING EDGE WAS LOOSE	TO MAIN S	SKIN.
435		CESSNA	CONT			SHAFTGEAR	CRACKED	776	6/17/93
		180J	O470K			539568	STARTER ADAPTER		CA930712101
	(CAN) HARD STAI ENGINE OIL SUMI		SATION. ON REMOVA	AL OF STARTER ADA	PTER, ONE OF THE	OUTPUT GEAR TEETH WA	AS MISSING. THE MISSING T	OOTH WAS	FOUND IN THE
120		CESSNA				MOUNT	CORRODED	3857	9/22/93
		182J				75161	ENGINE		CA931013127
	'						F ENGINE MOUNT TUBING N ND DIFFICULTY WAS MISSE		UST COLLECTOR.
810		CESSNA	CONT			STACK ASSY	CORRODED	3857	9/22/93
		182J	O470R			7516131	EXHAUST		CA931013126
	(CAN) ENGINE RE COMPLETED .6 HI		REPAIRS. EXHAUST	SYSTEM REMOVED.	BOTH LT AND RT C	COLLECTORS FOUND SEVI	ERELY CORRODED AND BU	RNED. 100	HR INSP JUST
710		CESSNA				CABLE	CHAFED	3505	10/4/93
		A185F				5115113	AILERON STA 72.6		CA931018604
	(CAN) CARRY THI	ROUGH AILERON CON	TROL CABLE FOUND	BADLY CHAFED AN	D WITH BROKEN S	TRANDS ON BOTH LEFT A	ND RIGHT WINGS AGAINS	RUB STRI	P P/N 0523233-3.
750		CESSNA				BRACKET	BROKEN	9076	10/4/93
		A185E				512128	FLAPS STA 65.33		CA931018301
	(CAN) FLAP SYST	EM STIFF. LEFT FLAP I	PULLEY BRACKET O	N LOWER BULKHEAI	D AT STA 65.33 BRO	KEN.			
750		CESSNA				LEVER	CRACKED	10358	10/12/93
		A185E				511665	FLAP		CA931103501
	POSITION HELD M		ON DESCENT. POSSIE	BLY CAUSED BY AGE			VE CAUSING FLAPS TO RET L RETRACT. FLAP HANDLE		
7921		CESSNA	CONT		HARRISON	OIL COOLER	CRACKED	50	6/30/93
		U206	IO520F			8526732	DIAG BRACE		CA930715603
	(CAN) OIL COOLE	R DIAGONAL BRACE F	OUND CRACKED MI	D-WAY BETWEEN AT	TTACHMENT POINT	S.			
921		CESSNA	CONT	MCAULY	HARRISON	OIL COOLER	LEAKING		7/1/93
		U206	IO520F			8526732	ENG OIL		CA930715604
		0200				0020702	LITO OIL		C11750715001

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
3230		CESSNA	CONT			LANDING GEAR	FOLDED	3806	12/23/97
		210L	IO520L				LT GEAR		CA980113006
	'	NDING,THE LT GEAR SI UNDER INVESTIGATIO		CK INTO THE RETRAC	CT POSITION. AIRC	RAFT SETTLED TO GROUN	ND ON LT STABILIZER CAU	SING DAMA	GE TO LT STABILIZER
3213		CESSNA	CONT			TRUSS WELD	CRACKED	3917	7/16/93
		310I	IO470U			841236	MLG RT/LT		CA930727202
		WELD ON BOTH RIGH WITH NO CRACKS FO			VELDED ASSEMBLI	ES FOUND CRACKED. TH	E LAST CHECK IN THIS ARE	EA HAD BEE	N CARRIED OUT JUST
5260		CESSNA	CONT	MCAULY		STEP SUPPORT	BROKEN		10/19/93
		310R	IO520MB	3AF32C87		811931	CABIN		CA931102301
	(CAN) WITH FLOC 5,542 HOURS.	OR REMOVED, THE STE	P SUPPORT BRACKE	T AND SECOND STEP	P/N 0811944-1 WER	E FOUND CRACKED. POS	SIBLY CAUSED BY A LARG	E PASSENG	ER. AIRCRAFT TT:
5711		CESSNA	CONT			DOUBLER	CRACKED		6/22/93
		T337B	TSIO360A		1422500201	14225141	WING FRONT SPAR		CA930714101
	(CAN) WING SPAR	R INSPECTED IN ACCOR	RDANCE WITH FAA	AD 78-09-0525 INCH	CRACK FOUND IN	RADIUS OF DOUBLER OF	FRONT LT SPAR WING ATT	ACH POINT.	
3246		CESSNA			GOODYEAR	WHEEL HALF	CRACKED		10/17/93
		441			5003064	5377	MLG		CA931102102
	'	LF CRACKED BETWEE ND CRACK WAS NOT I				AIR TO ESCAPE FROM TU	BELESS TIRE. WHEEL HAD	BEEN ZYGI	OED PREVIOUS TO
3040		CESSNA	PWA			BLOWER	SEIZED	2386	6/29/93
		550	JT15D4			5773	COCKPIT DEFOG		CA930715110
	` /	OKE SMELL NOTED BY GH AND BEARING PRO				OTED. COCKPIT DEFOG I	BLOWER FOUND TO BE CAU	JSE. BLOW	ER HAD BEEN
5740		DHAV	PWA			WING STRUT	CORROSION		6/2/93
		DHC2MK1	R985AN14B			C2W113	LOWER FITTING		CA930711401
	(CAN) LIGHT TO M	MODERATE STRESS CO	RROSION AND FRET	TING AROUND BOLT	HOLES.				
5743		DHAV				STRUT	CORROSION	1887	11/1/93
		DHC3				VALC315	LT		CA931103104
	(CAN) CORROSION AIRCRAFT TT: 21		STRUT AND RIVETE	D FITTINGS AND BET	WEEN RIVETED FI	ITINGS AND LUG FITTING	SS STRUT TO FUSELAGE. ST	TRUT WAS A	A 20,000 HR STRUT.
3250		DHAV	PWA			CABLE	FRAYED		6/28/93
		DHC6300	PT6A27			CC6CF12425	NLG STEERING		CA930719405
	(CAN) NLG STEER	RING CABLE HAD THRE	E FRAYED AREAS A	T PULLEY POINTS.					
5311		DHAV	PWA			SIDE FRAME	CORRODED		7/6/93
		DHC6100	PT6A20			C6FSM2528511	LT SIDE		CA930715103
	(CAN) LT AFT WIN	NG PICK-UP AFT END C	ORRODED ON FUSE	LAGE. FITTING AND	LUG HAS CRACKS.	ON REMOVAL, BUSHING	HAD NOT BEEN INSTALLEI	D. ACFT TT	23,236.
5310		NOORDN				FABRIC	TORN	10000	6/20/97
		UC64A					FUSELAGE CEILING		CA970709011
	( - )	ED A SLIGHT BUFFETII R FUSELAGE WAS TOR				G AND OIL CANNING SOUI	ND WAS HEARD. ANOTHER	AIRCRAFT	NOTED THAT THE

INTERNATIONAL	SERVICE DIFFICU	LTY REPORT SUMMARY	' - AIRCRAFT (cont'd)
INTERNATIONAL			- AINCINALL (COILLI)

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
7820		PARTEN	PWA		PARTEN	MUFFLER	CRACKED	188	9/27/93
		P68C	PT6A41			6133134	RT		CA931018606
	(CAN) MUFFLER F	FOUND CRACKED AND	BROKEN AROUND R	T OUTBOARD FLAN	GE.				
2710		PIPER	LYC			CABLE	CHAFED	6731	12/22/97
		PA23250	IO540C4B5			1430004	AILERON		CA980113015
	(CAN) AILERON B	ALANCE CABLE CHAF	ING ON FLOOR SKIN	AND HYDRAULIC LI	NE CABLE REPLAC	ED, HYDRAULIC LINE RE	CLAMPED AND FLOOR SKI	N MOVED.	
2701		PIPER				CONTROL WHEEL	BROKEN	7609	6/24/93
		PA28140				6855811	PILOTS		CA930713607
	(CAN) ON ROLL-C HOURS BEFORE T		PILOT'S CONTROL W	HEEL BROKE IN TWO	) PIECES. BREAK E	XTENDED FROM RETAINII	NG PIN HOLE VERTICALLY.	AD 69-22-0	)2 HAD BEEN DONE 63
5730		PIPER				PAN	CRACKED	5019	6/21/93
		PA28161			6206102	6262	WING WALK		CA930711404
	(CAN) CORRUGAT	TED PAN CRACKED ALO	ONG EDGES OF COR	RUGATIONS UNDERN	NEATH WING WALK	X AREA. FIVE OTHER AC A	LSO AFFECTED. FEEDBAC	K 92-01 REF	FERS.
5730		PIPER	LYC			PAN	CRACKED	5019	6/21/93
		PA28161	O320D3G		6206104	6263	WING WALK AREA		CA930721701
	(CAN) CORRUGAT 5,969.	TED PAN CRACKED ALO	ONG EDGES OF COR	RUGATIONS UNDERN	NEATH WING WALK	CAREA. FIVE OTHER AIRC	CRAFT ALSO AFFECTED. FE	EDBACK 92	-01 REFERS. ACFT TT:
8011		PIPER	LYC		PRESTOLITE	STARTER	FAILED	449	10/5/93
		PA28236	O540J3A5			M24222R	ARMATURE	71	CA931015201
	(CAN) 71 HOURS A ASSEMBLY.	AFTER STARTER REPAI	R, STARTER DRAGG	ING. ALL FRONT AN	D REAR BOLTS OF .	ARMATURE HOUSING LOC	OSE. ARMATURE DRAGGED	ON WINDI	NGS. SUSPECT POOR
3233		PIPER				NUT	CRACKED	4323	6/30/93
		PA31			21151	477676	LT MLG ACTUATOR		CA930713602
	(CAN) LEAK AT IN	BOARD FITTING OF LT	Γ MLG ACTUATOR P	N REMOVAL, FITTING	G LOCKNUT FELL A	APART CORROSION EVIDE	NT.		
5280		PIPER				HINGE	CRACKED	8915	7/2/93
		PA31350				466522	RT GEAR DOOR		CA930712301
	(CAN) CRACK FOU	UND ON RT GEAR DOO	R FORWARD HINGE	IN THE AREA SPECIF	TED IN PIPER SB 682	2. HINGE REPLACED.			
5520		PIPER				ELEVATOR	CRACKED	11609	12/10/93
		PA31T				55162XS	TOP INBD HINGE		CA931217001
	(CAN) LEFT HAND	ELEVATOR UPPER SK	IN CRACKED .50 INC	CHES AFT OF INBOAR	RD HINGE (STA BL 4	8.0). SPAR ALSO CRACKIN	IG UNDER HINGE P/N 449550	02. SB 897A	REFERS.

9639206

(CAN) PITOT HEAD FREEZES UP IN-FLIGHT RESULTING IN TOTAL LOSS OF AIRSPEED. NEW ELEMENTS INSTALLED AND SAME RESULTS. NOT SUFFICIENT TO MELT ICE IN-FLIGHT.

9639206

DE ICE

TSIO360KB

PA34220T

CA971128002

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO		
6310		AEROSP				BEARING	DAMAGED	1	5/15/93		
		SA315B			31606330010	31656329223	CLUTCH		CA930722205		
	(CAN) CLUTCH VI	BRATION.									
7230		AEROSP	TMECA		TMECA	COMPRESSOR	DAMAGED	32	6/24/93		
		SA315B	ARTOUSTE3B		IIIB1	1561	BLADE L/E		CA930722206		
	(CAN) BLADE LEA	DING EDGE OF FIRST	STAGE COMPRESSO	R DAMAGED DUE TO	FOD.						
6420		BELL				CROSSHEAD	DEFECTIVE		8/16/97		
		204B				204011711001	T/R		CA970820003		
	(CAN) NEW CROSS	SHEAD HAD PAINT MIS	SSING ON ONE INBO	ARD TANG. A SMALI	L RIVET WAS FOUN	D INSTALLED IN THE CROS	SSHEAD.				
6520		BELL	LYC			GEARBOX	FAILED	4155	7/2/93		
		204B	T5311B		20404000337	244337	42 DEG GR BOX	1654	CA930720301		
	(CAN) 42 DEGREES	S GEARBOX FAILED IN	HOVER.								
6230		BELL				LINK LEVER SYS	WORN		9/17/93		
		206L				2613353	ROTOR SYSTEM		CA931018610		
	(CAN) BEARINGS	P/N 206-010-338-001 AN	D SPACERS P/N 206-0	010-337-001 FOUND W	ORN BEYOND LIMI	TS.					
6330		BELL				STOP MOUNT ASSY	LOOSE		9/17/93		
		206L				26336421	MAIN TRANSMISION		CA931018609		
	(CAN) LOOSE STO	P MOUNTS CAUSED BY	Y LOSS OF TORQUE	ON NAS-1291-7 NUTS.							
7170		BELL	ALLSN			BELLOWS	TORN		9/17/93		
		206L	250C20R2			118B261	ENG DRAIN		CA931019603		
	(CAN) RUBBER BE	ELLOWS SWOLLEN AND	D TORN.								
7230		BELL	ALLSN			SEAL	LEAKING	5218	2/18/97		
		206B	250C20		6853337		INLET	1453	CA970311022		
	(CAN) NR 1 SEAL I	LEAKING. PART TC: 1	1,543.								
7230		BELL	ALLSN		ALLSN	ROTOR	PUNCTURED	6672	10/4/93		
		206B	250C20			6853337	ENG COMPRESSOR	3216	CA931019202		
	(CAN) HOLE FOUND IN COMPRESSOR ROTOR ASSEMBLY AT 1750 HOUR CASE HALF INSPECTION. PART TC: 9,372.										
7712		BELL				GAUGE	ERROR		9/19/93		
		206L				26751853	TORQUE		CA931019601		
	(CAN) TORQUE GA	AUGE READS 3 PERCEN	T LOW.								
7722		BELL				GAUGE	ERROR		9/19/93		
		206L				12444412	ENG TOT		CA931019602		
	(CAN)TOT GAUGE	READS 15 DEGREES C	ELSIUS HIGH.								
7200		BELL	PWA			ENGINE	FAILED		8/19/93		
		212	PT6T3				NR 1		CA931013129		
	(CAN) NR 1 ENGIN	E HAD LOUD BANG O	N TAKEOFF. AIRCRA	AFT LANDED. ENGIN	E SENT TO REPAIR .	AND OVERHAUL. REPORT	TO FOLLOW.				

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO			
7210		BELL	PWA			GEAR BOX	FAILED		9/19/93			
		212	PT6T3				NR1		CA931013123			
	(CAN) NR 1 GEARI	BOX FAILED. ENGINE	SENT TO P&W FOR DA	AMAGE ASSESSMEN	T.							
7250		BELL	PWA			COMP TURBNE	BURNT	9081	4/15/93			
		212	PT6T3		3016700	313411	ENGINE	2743	CA930715602			
	(CAN) DURING FL 1,879.	IGHT, ENGINE FAILED	TO PRODUCE POWER	R AND OVERTEMPED	D. INSPECTION REV	EALED COMPRESSOR TUR	RBINE WHEEL BURNT AND	MATERIAL	MISSING. PART TC:			
7200		BOEING	GE			ENGINE	FAILED	2981	7/9/93			
		1072	CT58*			GT58141A	NR 1		CA930722101			
	(CAN) ENGINES W	OULD NOT MATCH IN	TOPPING. NR 1 ENGI	NE CHANGED.								
7320		BOEING	GE		GE	ACTUATOR	FAILURE	4596	8/1/93			
		1072	CT581401			FYLC5557	NR 2 ENG	196	CA931013130			
	(CAN) AFTER REF	UELING, AIRCRAFT PII	LOT WAS UNABLE TO	GET RESPONSE FRO	OM NR 2 ENGINE. E	NGINE SHUTDOWN MANU	ALLY.					
2550		BOLKMS	ALLSN			CARGO HOOK	INTERMITTENT	51	6/14/93			
		BO105C	250C20B			14276	HOOK RELEASE		CA930713604			
	(CAN) HOOK RELE	EASE INTERMITTENT.	AIRCRAFT SYSTEMS	CHECK OK.								
2550		BOLKMS	ALLSN			CARGO HOOK	SHORTED		6/30/93			
		BO105C	250C20B			14276	GROUND WIRE		CA930715605			
	(CAN) GROUND W AT 10 AMP DID NO		ATION MELTED. THIS	CAUSED WIRE BUN	DLE FROM GROUN	D LUG TO FIRST CONNECT	TOR 5MDA TO SHORT OUT.	CIRCUIT B	REAKER IMD RATED			
5302		BOLKMS	ALLSN		BOLKMS	SKIN	CRACKED	4834	9/15/93			
		BO105C	250C20B		10530101	15325156	RT STA 5500		CA931102104			
	(CAN) DURING DAILY INSPECTION A CRACK APPROXIMATELY 2.25 INCHES LONG WAS FOUND ON RT SIDE APPROXIMATELY 14 FEET AFT OF ATTACHMENT FLANGE. AIRCRAFT TT: 6,378 HOURS.											
5532		BOLKMS	ALLSN			VERTICAL FIN	CRACKED	4380	10/2/93			
		BO105CBS	250C20B			15341	UPPER LEFT SIDE		CA931014207			
	(CAN) CRACK FOUND ON LEFT SIDE OF VERTICAL FIN CRACK SEEMED TO PROPAGATE FROM RIVET HOLE UNDER FISH PLATE, P/N 105-30402-27.											
6320		BOLKMS				BEARING	PEELING	2171	6/16/93			
		BO105CBS			4638001001	46383224	LT INPUT		CA930719404			
	(CAN) BEARING ROLLERS HAVE EXCESSIVE PEELING. INPUT PINION GEAR 4638-302-002 HAS EXCESSIVE PEELING.											
7810		HILLER	LYC			EXHST MANIFOLD	CRACKED	1866	5/2/93			
		UH12E	VO540C2A			769618	WELD JOINT		CA930715109			
	(CAN) CRACK AT	WELD JOINT OF EXHA	UST MANIFOLD UND	ER CARBURETOR H	EAT SHROUD.							
			LYC			CYLINDER	FAILED	29	6/17/93			
8530		HUGHES	LIC						CA930713601			
8530		HUGHES 269C	HIO360D1A			LW1947	ENGINE		CA930/13001			
8530	(CAN) CYLINDERS		HIO360D1A			LW1947	ENGINE		CA930/13601			
8530 6210	(CAN) CYLINDERS	269C	HIO360D1A			LW1947  BLADE	CRACKED	3211				
	(CAN) CYLINDERS	269C S FAILED. ENGINE REP	HIO360D1A PLACED.					3211 835				

<u>INTERNA</u>	TIONAL SERVIC	E DIFFICULTY RE	PORT SUMMARY	- HELICOPTER	S (cont'd)		<u>5/3/98 T</u>	To 5/9/98 IS	SUE: 98-19 ZAC-327
ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6320		HUGHES	ALLSN			CHIP DETECTOR	CRACKED		8/17/97
		369D	250C20B			B3148A	M/R XMSN		CA970904033
	(CAN) AREA UNDI	ER 'O' RING OF MAIN TH	RANSMISSION CHIP D	ETECTOR HOUSING	FOUND CRACKED.	SUSPECT OVERTORQUIN	G.		
6710		SKRSKY	ALLSN			PBA ACTUATOR	RESTRICTED		10/28/93
		S76A	250C30S			742218	FLT CONTROL		CA931103103
	` /	VEMENT INSPECTION I				ROUGH 80 KNOTS. HYDRA S THE WIRING HARNESS (			
7320		SKRSKY	ALLSN			TUBE B NUT	LOOSE		10/22/93
		S76A	250C30S			6893073	NR 2 ENG		CA931103102
	(CAN) AIRCRAFT I NUT OF P/N 689307		ENGINE. ENGINE HAI	O INSTABILITY IN PO	OWER RANGE, ALL	PNEUMATIC LINES WERE	CHECKED FOR LEAKAC	GE, AIR LEAK V	VAS FOUND AT "B"
6720		SNIAS	TMECA			BEARING	CORRODED	2235	8/2/93
		AS350B	ARRIEL1A		350A33200403	612RSIMT33CA	T/R PITCH		CA931019501
	(CAN) TAIL ROTO	R ASSY FELT ROUGH.	INSPECTION REVEAL	ED HEAVY CORROS	SION AND PRACTICA	ALLY GREASELESS PITCH	CONTROL PLATE BEAR	ING AND OUT	ER RACE.

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
7230		AEROSP	TMECA		TMECA	COMPRESSOR	DAMAGED	32	6/24/93
		SA315B	ARTOUSTE3B		IIIB1	1561	BLADE L/E		CA930722206
	(CAN) BLADE LEA	ADING EDGE OF FIRST	STAGE COMPRESSO	R DAMAGED DUE TO	FOD.				
7320		BEECH	PWA			P3 AIR LINE	CRACKED		10/4/93
		200CBEECH	PT6A41			32779	NR 2 ENGINE		CA931013501
	PRECAUTIONARY CONTROL METER	LANDING WITHOUT N	MISHAP. MAINTENA GINE WAS INSPECTE	NCE INVESTIGATION D FOR EVIDENCE OF	N DETERMINED THE	E CAUSE TO BE A CRACKE	D TO IDLE SPEED. THE FLIC D P3 AIR LINE THAT SHUTE ONS - NO EVIDENCE WAS F	OWN THE	GOVERNOR AND FCU
7322		BEECH	PWA		BENDIX	ELBOW	MISSING	1253	6/26/93
		C90	PT6A21		3207049B1	314214	FUEL CONTRL UNIT		CA930712103
	DEGRADATION O	F AIRCRAFT DIRECTION TO THE FUEL CONT	ONAL CONTROL. INV ROL UNIT WAS FOUR	VESTIGATION BY MA	INTENANCE DETER	RMINED THE RESTRICTOR FACILITY.	N ASYMMETRIC POWER SIT IN THE STAINLESS STEEL	ELBOW P/N	3014214 CONNECTING
7230		BELL	ALLSN			SEAL	LEAKING	5218	2/18/97
		206B	250C20		6853337		INLET	1453	CA970311022
	(CAN) NR 1 SEAL 1	LEAKING. PART TC: 1	1,543.						
7230		BELL	ALLSN		ALLSN	ROTOR	PUNCTURED	6672	10/4/93
		206B	250C20			6853337	ENG COMPRESSOR	3216	CA931019202
	(CAN) HOLE FOUN	ND IN COMPRESSOR RO	OTOR ASSEMBLY AT	1750 HOUR CASE HA	ALF INSPECTION. P	PART TC: 9,372.			
7200		BELL	PWA			ENGINE	FAILED		8/19/93
		212	PT6T3				NR 1		CA931013129
	(CAN) NR 1 ENGIN	NE HAD LOUD BANG O	N TAKEOFF. AIRCRA	AFT LANDED. ENGIN	E SENT TO REPAIR	AND OVERHAUL. REPORT	Γ TO FOLLOW.		
7210		BELL	PWA			GEAR BOX	FAILED		9/19/93
		212	PT6T3				NR1		CA931013123
	(CAN) NR 1 GEARI	BOX FAILED. ENGINE	SENT TO P&W FOR D	DAMAGE ASSESSMEN	VT.				
7250		BELL	PWA			COMP TURBNE	BURNT	9081	4/15/93
		212	PT6T3		3016700	313411	ENGINE	2743	CA930715602
	(CAN) DURING FL 1,879.	IGHT, ENGINE FAILED	TO PRODUCE POWE	R AND OVERTEMPEI	D. INSPECTION REV	EALED COMPRESSOR TUI	RBINE WHEEL BURNT AND	MATERIAL	MISSING. PART TC:
7421		CESSNA	LYC		SKYTRONICS	SPARK PLUG NUTS	DEFECTIVE	364	5/4/93
		172M	O320E2D				IGNITION HARNESS		CA930720303
	( - )						SION. FURTHER INVESTIGATENED DURING A PREVIOU		
8530		CESSNA	LYC			CYLINDER	FAILED	789	11/27/93
		172N	O320H2AD			LW15318	SPARK PLUG AREA		CA931210002
		LOWER SPARK PLUG F PREVIOUS WELD REPAI			CYLINDER AND SP	PARK PLUG INSERT HAD B	ROKEN AWAY WITH THE L	OWER SPAI	RK PLUG. THERE WAS

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
8520		CESSNA	CONT			CRANKSHAFT	BROKEN	1229	9/17/93
		A185F	IO520D				NR 2 BRG SADDLE		CA931013301
	WAS FOUND WOR RUN AND TEST FL INDICATING A BR	N DOWN BY ONE-THIF OWN SERVICEABLE.	RD. THE PIN WAS RE 11.8 HOURS AFTER T OD. TEARDOWN RE	PLACED AND THE EITHIS WORK WAS COMVEALED THE CRANK	NGINE OIL SYSTEM IPLETED A VISUAL I KSHAFT BROKE DUI	FLUSHED. THE ENGINE VINSPECTION REVEALED ETO A BENDING OVERLO	YLINDER WAS REMOVED AN WAS PRE-OILED AS IT WAS T A HOLE IN THE CRANKCASE DAD AT THE NR 3 CHEEK. TH	URNED. EI UNDER TH	NGINE WAS GROUND- IE RT MAG
8530		CESSNA	CONT			CYLINDER	CRACKED	933	10/4/93
		A185F	IO520D			635448CP	NR 2		CA931018603
	(CAN) NR 2 CYLIN	DER SPLIT DURING FL	LIGHT. PART NUMBE	ER NOT INCLUDED IN	TCM SB M91-6 FOR	CYLINDER BARREL INS	PECTION.		
8520		CESSNA	CONT			CRANKCASE	CRACKED	947	7/7/93
		U206	IO520F				NEAR NR 5 CYL		CA930722207
	'	SPECTION OF POWERP HE DEFECT TO BE 2.2 I	· · · · · · · · · · · · · · · · · · ·				BOLT OF NR 5 CYLINDER. F	URTHER IN	IVESTIGATION USING
8530		CESSNA	CONT			CYLINDER	CRACKED	699	7/8/93
		U206A	IO520F			639272C	ENGINE		CA930719403
	(CAN) DURING 100 REPLACED.	HR COMPRESSION CF	HECK, CYLINDER SH	OWED 30/80 DIFFERE	ENTIAL WITH NOTIC	CEABLE NOISE WHERE A	R ESCAPED THROUGH CRAC	CKS. CYLIN	NDER WAS
7260		CESSNA	CONT			OIL SEAL	WORN	66	6/26/93
		404CESSNA	GTSIO520M			2512	NR 1 ASSORY DRV		CA930709207
	'	E HAD OIL LEAK IN-FI LY. A NEW SEAL WAS				ND THE DRY AIR PUMP D	RIVE SEAL PAD LEAKING OI	L. THE OIL	SEAL WAS NOT
8520		CESSNA	CONT			THRU BOLT	BROKEN		6/13/93
		421B	GTSIO520H			641931175	CRANKCASE		CA930709210
	'	OTED ON ENGINE. RE AUST LIFTER HOLE AN					BROKEN. CRANKCASE WA	S ALSO CR	ACKED BETWEEN NR
7313		CESSNA	PWA			FUEL NOZZLE	TORCHING		3/30/98
		425	PT6A112				NR 2 ENG	142	CA980421002
	RETURNED TO BA WHEEL. THE POW	SE. POWER SECTION YER TURBINE AND GUI	WAS REMOVED FOR DE VANES WERE AL	HSI AND EXTENSIVE SO DAMAGED. THE	E TORCHING DAMA DAMAGE WAS SUSI	GE WAS FOUND ON THE PECTED TO HAVE BEEN (	5 TEMPERATURE WAS 670C . COMPRESSOR TURBINE GUII CAUSED BY A FUEL NOZZLE KED. THE PARTS WERE RET	DE VANES TORCHING	AND THE TURBINE (FUEL STREAMING
7322		CESSNA	GARRTT	MCAULY	GARRTT	FUEL CONTROL	RUPTURED	40	9/29/93
		441	TPE33110	4HFR34C652		3971119	P3 BELLOWS		CA931214008
	SIGNIFICANT FUE THE PNEUMATIC OF THE CONVOLU	L LEAK FROM UNIT. T CIRCUIT FROM THE AF	HE FUEL LEAK WAS REA AROUND THE BI SURE RESULTED IN I	OBSERVED TO BE CO ELLOWS ASSEMBLY. REDUCED FUEL FLOV	OMING FROM THE P THE BELLOWS ASS W & LOSS OF POWEI	NEUMATIC SYSTEM. SPE EMBLY WAS REMOVED (	L ASSEMBLY. INITIAL FUNC CCIAL TESTING DETERMINED & A PRESSURE TEST REVEAL C CIRCUIT IS "VENTED" OVER	THAT FUI ED A RUP	EL WAS ENTERING TURE BETWEEN ONE
7322		CESSNA	GARRTT			FUEL CONTROL	LEAKING	40	9/29/93
		441	TPE33110			8971119	ENGINE		CA931014407

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
8530		DHAV	PWA			CYLINDER	DEFECTIVE	80	8/30/93
		DHC2EVANS	R985AN14B				ENGINE		CA931102103
	AND CONSUMED		OUR FOR THE 80 HO	URS SINCE INSTALL	ATION (TSO). THE E		GINE ACTUALLY HAD "NU-C ND RETURNED TO AERO EN		
8530		DHAV	PWA			CYLINDER	FAILED	538	9/18/93
		DHC3	R134059			2578	NR 3 EXH VLV		CA931018608
	( - )					SE, SEVERE BACKFIRING CED. AIRCRAFT FERRIED	AND POWER LOSS OF ENGI BACK TO BASE.	NE FORCED	PILOT TO LAND
7230		DHAV	PWA			BEARING	SEIZED	17799	9/24/93
		DHC6300	PT6A27			37194	COMPRESSOR	966	CA931014404
	INSPECTION REVI	EALED OIL LEAKING F HECKED AND FOUND	ROM NR 2 BEARING RUBBING ON THE TO	AREA. OIL FILTER C OP PART OF COMPRES	HECKED AND FOUN SSOR CASE. ENGINE	ID CONTAMINATED WITH E SEIZED AND WOULD NO	NE WAS SHUTDOWN AND F. I NON-FERROUS METAL PAI OT TURN OVER. TEARDOWN ETERMINED. PART TC: 17,6	RTICLES. C REVEALEI	OMPRESSOR 1ST
7250		DHAV	PWA			VANE	FRACTURED	229	7/8/93
		DHC6200	PT6A20				COMPRESS TURBINE		CA930727101
	NG 95/100, FUEL F		ROUBLESHOOTING	CARRIED OUT, THE E			SILIZE AT 85 PERCENT NG, T ESSOR TURBINE VANE WA:		-,
7421		DHAV	PWA			IGNITOR	LOOSE		9/29/93
		DHC6100	PT6A20			AGF26	NR 2 ENGINE		CA931015101
	(CAN) ABOUT 1 M IGNITOR LOOSE I		NG NR 2 ENGINE, TH	E NR 2 FIRE WARNIN	G LIGHT CAME ON,	WENT OUT 10 SECONDS	AFTER SHUTDOWN. NO SIG	NS OF SMO	KE OR FIRE. NR 2
8530		HUGHES	LYC			CYLINDER	FAILED	29	6/17/93
		269C	HIO360D1A			LW1947	ENGINE		CA930713601
	(CAN) CYLINDERS	S FAILED. ENGINE REP	PLACED.						
7414		MOONEY	LYC		BENDIX	MAGNETO	FAILED	1350	11/18/93
		M20E	IO360A1A			116352	DISTRIBUTOR BLOC		CA931207301
	,						VAS MISSING. THE SHAFT S THE TABS IN THE DISTRIBU		
7261		PIPER	LYC			OIL LINE	CUT	6730	12/22/97
		PA23250	IO540C4B5			1781503	RT NACELLE		CA980113014
	( - , ,	OWN OIL LEAKED OUT LAMP. REPLACED CLA		E ONTO LANDING GE	EAR DOORS. OIL PRE	ESSUR LINE CUT UNDER (	CLAMP AT FIREWALL, TWO	PLACES, W	IDTH OF CLAMP.
7320		PIPER	PWA			P3 LINE	FRACTURED	3999	6/24/93
		PA31T	PT6A28			331448	ENGINE		CA930709205
	(CAN) ON START-	UP, ENGINE WOULD N	OT ACCELERATE AB	OVE IDLE. THE P3 LI	INE BETWEEN THE F	23 FILTER AND FCU WAS	FOUND BROKEN. PART TC:	4,404.	
7414		SCWZER	CONT		BOSCH	MAGNETO	CRACKED	47	7/9/93
		G164	W6706A			SB9RU3	RT MAG DIST BLK		CA930719411
	(- ),		, -				SHOOTING ISOLATED THE M	IAGNETO A	

INTERNATIONAL SERVICE DIFFICULTY REPORT SUMMARY - ENGINES (cont'o	INTERNATIONAL	SERVICE DIFFICUL	TY REPORT SUMMARY	- ENGINES (cont'd)
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5/3/98 To 5/9/98	ISSUE: 98-19	ZAC-327

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
7320		SKRSKY	ALLSN			TUBE B NUT	LOOSE		10/22/93
		S76A	250C30S			6893073	NR 2 ENG		CA931103102
	(CAN) AIRCRAFT I NUT OF P/N 689307		ENGINE. ENGINE HA	D INSTABILITY IN PO	OWER RANGE, ALL	PNEUMATIC LINES WERE	CHECKED FOR LEAKAGE	E, AIR LEAK V	VAS FOUND AT "B"

(End of INTERNATIONAL SERVICE DIFFICULTY REPORT SUMMARY - ENGINES)

#### INTERNATIONAL SERVICE DIFFICULTY REPORT SUMMARY - COMPONENTS

5/3/98 - 5/9/98 ISSUE: 98-19 ZAC-327

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
2562		CESSNA			NARCO	ANTENNA	FRACTURED	700	5/1/93
		172M			ELT10	165211	ELT		CA931015202
	(CAN) ANTENNA V	WHIP FRACTURED AT I	BASE AS A RESULT C	OF WHIPPING BACK A	AND FORTH IN FLIGI	HT. PROBLEM EXACERBA	ATED BY ICE ACCUMULAT	TION.	
3418		DHAV	PWA			SWITCH	FAILED		5/29/93
		DHC6300	PT6A27			61373	STALL WARN		CA930719412
	(CAN) STALL WAI	RNING SWITCH FAILED							
3418		DHAV	PWA			SWITCH	FAILED		6/12/93
		DHC6300	PT6A27			61373	STALL WARN		CA930719408
	(CAN) STALL WAI	RNING SWITCH FAILED							
3455		PIPER			KING	POTENTIOMETER	BROKEN		7/12/93
		PA34200			KR87	133138	ADF WIRES		CA930722210
	(CAN) PILOT REPO	ORTED INTERMITTENT	15 DEGREE ERROR	ON ADF. BENCH TES	T FOUND INTERMIT	ΓΤΕΝΤ, 25 DEGREE ERROF	R. POTENTIOMETER R-177	BROKEN W	IRES.

#### INTERNATIONAL SERVICE DIFFICULTY REPORT SUMMARY - PROPELLERS

5/3/98 - 5/9/98 ISSUE: 98-19 ZAC-327

ATA REG. NO OPER SERIAL NO

ACFT MAKE ACFT MODEL ENG MAKE ENG MDL PROP MAKE PROP MDL COMP MFG COMP MDL PART NAME PART NUMBER PART COND PART LOC.

TT DIFF. DATE
TSO OPER CONT NO

(There was no data for this report.)

(End of INTERNATIONAL SERVICE DIFFICULTY REPORT SUMMARY - PROPELLERS)



# SERVICE DIFFICULTY REPORT SUMMARY GENERAL AVIATION - INDEX



The following information provides a tally of the Service Difficulty Reports (SDR's) contained in this weeks issue of the General Aviation SDR Summary. The totals represent only a summation of the SDR's that were submitted to the FAA, Aviation Data Systems Branch, AFS-620, and processed in time for inclusion in the Summary. The first table is a tally of the number of SDR's submitted through the indicated Flight Standards District Office (FSDO). The second table sorts the SDR's by the aircraft or equipment make and model. The heading at the top of each table provides a two digit Joint Aircraft System/Component (JASC) code grouping (e.g., JASC codes 1100 thru 1800 are represented by the heading labeled 11-18) which categorizes in general, the problem areas for each reported discrepancy.

The Flight Standards Service Difficulty Program objective is to achieve prompt and appropriate correction of conditions adversely affecting continued airworthiness of aeronautical products. This is accomplished by the collection of Service Difficulty and Malfunction or Defect Reports. SDR's are consolidation and collation into common data base where they are analyzed for trends, problems, and alert information. This information is then disseminated to the appropriate segments of the aviation community and to other FAA offices.

The number of SDR's submitted is not an indicator of the mechanical reliability or fitness of an air carrier's aircraft fleet and should not be used as such. The air carriers certificate holding office has the primary responsibility for planning, programming evaluations, and assessing the performance of operators. Questions regarding an air carrier's fleet performance should be directed to the appropriate Flight Standards District Office, Certificate Management Office, or Certificate Management Unit.

## **GENERAL AVIATION SUMMARY INDEX BY DISTRICT OFFICE**

DISTRICT				LS BY FAA A					
OFFICE	11-18	21-29	30-38	45-49	51-57	61-67	71-79	80-85	TOTAL
AL 03	0	0	0	0	0	0	0	1	1
CA	0	14	11	0	16	10	35	10	96
CE 03	0	0	0	0	0	0	1	0	1
CE 09	0	0	2	0	0	0	0	0	2
EA 03	0	0	0	0	0	1	2	0	3
EA 05	0	0	0	0	2	0	0	0	2
EA 07	0	2	0	0	0	1	0	0	3
EA 09	0	0	1	0	0	0	0	0	1
EA 13	0	1	1	0	0	1	0	0	3
EA 17	0	2	0	0	0	0	0	0	2
EA 21	0	0	0	0	0	0	1	0	1
EA 23	0	0	0	0	0	1	0	0	1
EA 25	0	1	0	0	0	0	0	0	1
GL 09	0	1	0	0	0	0	0	0	1
GL 11	0	0	1	0	0	0	1	0	2
GL 13	0	2	1	0	0	0	0	0	3
GL 19	0	0	1	0	0	0	0	0	1
GL 23	0	1	0	0	1	0	0	0	2
NE 01	0	1	0	0	0	0	0	0	1
NE 03	0	0	0	0	0	0	1	0	1
NM 01	0	0	0	0	0	0	2	0	2
NM 03	0	0	1	0	5	0	4	1	11
NM 07	0	1	1	0	0	2	0	0	4
NM 09	0	2	2	0	1	0	2	0	7
NM 13	0	0	1	0	0	0	0	0	1
SO 11	0	0	1	0	0	0	0	0	1

GENERAL.	AVIATION SUMMAI	RY INDEX by	DISTRICT OFFICE	(cont'd)

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DISTRICT SDR TOTALS BY FAA ATA SYSTEM CHAPTER									
OFFICE	11-18	21-29	30-38	45-49	51-57	61-67	71-79	80-85	TOTAL
SO 14	0	0	0	0	0	0	0	1	1
SO 15	0	0	0	0	1	0	0	0	1
SO 33	0	1	1	0	0	0	1	0	3
SW 01	0	0	0	0	0	0	0	1	1
SW 03	0	54	51	0	15	83	38	0	241
SW 05	0	1	1	0	0	0	0	1	3
SW 99	0	2	3	0	0	0	1	1	7
WP 09	0	0	1	0	1	0	0	0	2
WP 19	0	0	0	0	0	2	0	0	2
TOTALS	0	86	81	0	42	101	89	16	415

#### GENERAL AVIATION SUMMARY INDEX by MANUFACTURER MAKE and MODEL

5/3/98 To 5/9/98 ISSUE: 98-19 ZAC-327

AIRCRAFT MAKE	AIRCRAFT MODEL	11-18	21-29	SDR TOTA 30-38	LS BY FAA A 45-49	TA SYSTEM ( 51-57	CHAPTER 61-67	71-79	80-85	TOTAL
AEROSP	AS355F1	0	0	2	0	0	0	0	0	2
AEROSP	AS355F2	0	0	0	0	0	0	1	0	1
AEROSP	SA315B	0	0	0	0	0	1	1	0	2
AEROSP	SA365N1	0	2	0	0	0	1	0	0	3
AGUSTA	A109K2	0	1	1	0	0	2	0	0	4
AMTRMO	SONERAI2	0	0	0	0	0	0	1	0	1
AYRES	S2RNORMAL	0	1	0	0	0	0	0	0	1
ВЕЕСН	100BEECH	0	0	0	0	1	0	0	0	1
ВЕЕСН	200BEECH	0	1	2	0	5	0	0	0	8
ВЕЕСН	200CBEECH	0	0	0	0	0	0	1	0	1
BEECH	58	0	0	1	0	0	0	0	0	1
ВЕЕСН	95B55	0	0	0	0	0	0	3	0	3
ВЕЕСН	95B55B	0	0	1	0	0	0	0	0	1
BEECH	99	0	1	1	0	0	0	0	0	2
BEECH	A100	0	0	0	0	1	0	0	0	1
BEECH	B99	0	1	0	0	0	0	0	0	1
ВЕЕСН	C90	0	0	0	0	0	0	1	0	1
ВЕЕСН	C99	0	2	0	0	0	0	0	0	2
BEECH	E55	0	0	1	0	0	0	0	0	1
BEECH	E90	0	0	0	0	1	0	0	0	1
ВЕЕСН	F33A	0	0	0	0	1	0	0	0	1
BEECH	G18S	0	0	0	0	0	0	0	1	1
BELL	204B	0	0	0	0	0	2	0	0	2
BELL	206B	0	2	2	0	0	3	4	0	11
BELL	206B3	0	2	2	0	0	3	1	0	8
BELL	206L	0	1	0	0	0	8	3	0	12
BELL	206L1	0	3	9	0	2	19	11	0	44

AIRCRAFT MAKE	AIRCRAFT MODEL	11-18	21-29	SDR TOTA 30-38		TA SYSTEM ( 51-57	CHAPTER 61-67	71-79	80-85	TOTAL
BELL	206L3	0	7	3	0	2	3	2	0	17
BELL	206L4	0	0	0	0	0	0	1	0	1
BELL	212	0	0	2	0	0	2	3	0	7
BELL	214ST	0	7	1	0	0	9	1	0	18
BELL	222U	0	1	0	0	0	0	0	0	1
BELL	230	0	0	0	0	1	0	1	0	2
BELL	407	0	2	2	0	2	4	2	0	12
BELL	412	0	17	10	0	4	9	0	0	40
BOEING	1072	0	2	0	0	0	0	2	0	4
BOLKMS	BK117A3	0	1	1	0	0	0	1	0	3
BOLKMS	BK117A4	0	0	0	0	0	1	0	0	1
BOLKMS	BK117B1	0	3	2	0	1	4	0	0	10
BOLKMS	BK117B2	0	0	1	0	0	0	0	0	1
BOLKMS	BO105C	0	2	0	0	2	0	1	0	5
BOLKMS	BO105CB*	0	0	1	0	0	2	0	0	3
BOLKMS	BO105CBS	0	0	0	0	1	1	1	0	3
BOLKMS	BO105S	0	4	5	0	0	11	10	0	30
CESSNA	150L	0	1	0	0	0	0	0	0	1
CESSNA	152	0	0	0	0	1	0	0	0	1
CESSNA	172E	0	2	0	0	0	0	0	0	2
CESSNA	172L	0	1	1	0	0	0	1	1	4
CESSNA	172M	0	1	0	0	0	0	1	0	2
CESSNA	172N	0	0	1	0	1	0	0	1	3
CESSNA	172P	0	0	1	0	0	0	0	1	2
CESSNA	172RG	0	0	1	0	0	0	0	0	1
CESSNA	175	0	0	0	0	0	0	3	0	3
CESSNA	180J	0	1	0	0	0	0	0	0	1

AIRCRAFT	AIRCRAFT					TA SYSTEM				
MAKE	MODEL	11-18	21-29	30-38	45-49	51-57	61-67	71-79	80-85	TOTAL
CESSNA	182C	0	0	1	0	0	0	0	0	1
CESSNA	182F	0	0	0	0	0	0	0	1	1
CESSNA	182J	0	0	0	0	0	0	2	0	2
CESSNA	182P	0	0	0	0	0	1	1	0	2
CESSNA	208B	0	0	1	0	0	0	0	0	1
CESSNA	210L	0	0	1	0	1	0	0	0	2
CESSNA	310I	0	0	1	0	0	0	0	0	1
CESSNA	310R	0	0	0	0	1	0	0	0	1
CESSNA	335	0	0	0	0	0	0	1	0	1
CESSNA	402C	0	0	0	0	0	0	0	1	1
CESSNA	404CESSNA	0	0	0	0	0	0	1	0	1
CESSNA	421B	0	0	0	0	0	0	0	1	1
CESSNA	425	0	0	0	0	0	0	1	0	1
CESSNA	441	0	0	1	0	0	0	2	0	3
CESSNA	550	0	1	2	0	0	0	0	0	3
CESSNA	A185E	0	2	0	0	0	0	0	0	2
CESSNA	A185F	0	1	0	0	0	0	0	2	3
CESSNA	R182	0	1	0	0	0	0	0	0	1
CESSNA	T337B	0	0	0	0	1	0	0	0	1
CESSNA	U206	0	0	0	0	0	0	2	1	3
CESSNA	U206A	0	0	0	0	0	0	0	1	1
CESSNA	U206G	0	0	0	0	0	0	0	1	1
DHAV	DHC2EVANS	0	0	0	0	0	0	0	1	1
DHAV	DHC2MK1	0	0	0	0	1	0	0	0	1
DHAV	DHC3	0	0	0	0	1	0	0	1	2
DHAV	DHC6100	0	0	0	0	1	0	1	0	2
DHAV	DHC6200	0	0	0	0	0	0	1	0	1

AIRCRAFT MAKE	AIRCRAFT MODEL	11-18	21-29	SDR TOTA		TA SYSTEM ( 51-57	CHAPTER 61-67	71-79	80-85	TOTAL
DHAV	DHC6300	0	0	3	0	0	01-07	1	0	4
ENSTRM	F28C	0	0	0	0	0	0	1	0	1
GULSTM	695	0	1	0	0	0	0	0	0	1
HILLER	UH12E	0	0	0	0	0	0	1	0	1
HUGHES	269C	0	0	0	0	0	0	0	1	1
HUGHES	369D	0	0	0	0	0	3	0	0	3
LUSCOM	8A	0	0	1	0	0	0	0	0	1
MOONEY	M20E	0	0	0	0	0	0	1	0	1
MOONEY	M20K	0	1	0	0	0	0	0	0	1
NOORDN	UC64A	0	0	0	0	1	0	0	0	1
PARTEN	P68C	0	0	0	0	0	0	1	0	1
PIPER	PA23250	0	1	2	0	0	0	1	0	4
PIPER	PA28140	0	3	0	0	0	0	0	0	3
PIPER	PA28161	0	0	0	0	2	0	0	0	2
PIPER	PA28236	0	0	0	0	0	0	0	1	1
PIPER	PA28R201T	0	0	0	0	2	0	0	0	2
PIPER	PA30	0	0	1	0	0	0	0	0	1
PIPER	PA31	0	0	1	0	0	0	0	0	1
PIPER	PA31350	0	0	0	0	1	0	3	0	4
PIPER	PA31T	0	0	0	0	1	0	1	0	2
PIPER	PA32R301	0	0	1	0	0	0	0	0	1
PIPER	PA34200	0	0	1	0	0	0	0	0	1
PIPER	PA34220T	0	0	1	0	0	0	0	0	1
PIPER	PA60600	0	0	1	0	0	0	0	0	1
SCWZER	G164	0	0	0	0	0	0	1	0	1
SKRSKY	S76	0	0	0	0	1	0	0	0	1
SKRSKY	S76A	0	5	6	0	0	4	6	0	21

11-18

21-29

AKE and MOL	DEL (cont'd)		5/3/98 To 5/9/98 ISSUE: 98-19 ZAC-32/				
	LS BY FAA A						
30-38	45-49	51-57	61-67	71-79	80-85	TOTAL	
2	0	1	1	0	0	4	
0	0	0	6	1	0	8	
0	0	0	1	0	0	1	
0	0	1	0	0	0	1	

(End of AIR CARRIER SUMMARY INDEX by OPERATOR Report)

**AIRCRAFT** 

**MODEL** 

AS350B

AS350B2

AS350BA

EC135P1

**TOTALS** 

TB20TRINIDAD

2150AMORISY

**AIRCRAFT** 

MAKE

**SNIAS** 

**SNIAS** 

**SNIAS** 

SOCATA

UROCOP

VARGA

## JOINT AIRCRAFT SYSTEM/COMPONENT CODE TABLE

#### **PREFACE**

The Joint Aircraft System/Component (JASC) Code Table is a modified version of the Air Transport Association of America (ATA), Specification 100 code. It was developed by the Federal Aviation Administration's (FAA), Aviation Data Systems Branch (AFS-620). Technical support was provided by the Galaxy Scientific Corporation, and various representatives of the air carrier and general aviation community.

Over the past four years, the JASC format of the ATA Spec 100 code has gained widespread industry acceptance. In a harmonized effort, the FAA's counterparts in Australia and Canada have adopted the JASC code with only a few exceptions. Some Canadian aircraft manufacturers have also recently adopted this new stardard.

This code table is constructed by using the new JASC four (4) digit code, along with an abbreviated code title. The abbreviated titles have been modified in some cases to clarify the intended use of the accompanying code. This table can be used as a quick reference chart, to assist in the coding and review of aircraft structures or systems data (i.e., Service Difficulty Report (SDR), Accident/Incident Report).

The current coding scheme used in the JASC code was introduced in May 1991, for the technical classification of SDR's. Its predecessor, the FAA aircraft system/component code, was a similar but more complex eight-digit code which was developed over 25 years ago. It was constructed around the computer technology of that period. It consisted of a four digit numerical code plus a four alpha character code to make data retrieval possible. Since that time, computer technology has advanced many fold. Reducing the code from eight to four characters simplifies coding, and in some cases, makes JASC coding match the ATA Specification 100 first three digits, which are used to identify aircraft systems. The ATA code does not reference the fourth digit, so it is free to be used for identifying components.

The JASC code aircraft structural section has increased due to problems inherent with aging aircraft. As an example, FAA code 5301 SXBD was expanded to 20 items due to the high rate of reporting in this area (8021 structural reports were received in 1989). In some instances, there was very little reporting and codes were combined into other systems if the safety impact was not significant. The overall reduction in codes has been from 568 FAA codes to 488 JASC codes, with the significant increase being in the structural area as stated earlier.

The JASC code divides the engine section into two major code groups to separate the turbine and reciprocating engines. The codes for the turbine engines are in JASC Chapter 72, Turbine/Turboprop Engine. The codes for the reciprocating engines are now exclusively found in JASC Chapter 85, Reciprocating Engine.

The other major deviation from ATA Spec 100 is in ATA section 2730, specifically involves the stall warning system. Early technology (primarily on smaller aircraft) directly linked the sensing of flight attitude to one of the components which furnished the means of manually controlling the flight attitude characteristics (elevator). Today, most large transport category aircraft utilize electronic units to sense the change in the environmental condition called stall, and use the data to influence navigation. ATA section 3410, Flight Environment Data, includes high speed warning in its code definition. Stall warning (low speed) is the reciprocal term of high speed warning, so its filing under the same code appears more logical. Thus, with the JASC code it was decided to move the stall warning system to Chapter 34 under the separate code JASC code 3418, Stall Warning System.

The FAA is continuing to pursue worldwide involvement from operators and manufacturers in addressing the need for international standardization of aircraft system/component codes. The ultimate goal is to develop a universal aircraft/component numbering standard which can be used in the manufacturer's maintenance manual, wiring diagram manual, system manuals and illustrated parts catalog. This harmonized standard must be a usable standard for the aircraft manufacturers, air carrier operators and the general aviation community.

We welcome comments and feedback regarding the possible forming of working groups to achieve this long range consideration of possibly harmonizing the ATA Specification 100 code and the JASC code. Comments may be directed to the FAA, Aviation Data Sytem Branch, AFS-620, P.O. Box 25082, Oklahoma City, OK 73125.

# **JOINT AIRCRAFT SYSTEM/COMPONENT CODE TABLE**

# JASC/ TITLE

2170 HUMIDITY CONTROL SYSTEM

11 PLACARDS AND	MARKINGS 22	AUTO FLIGHT	24 E	LECTRICAL POWER CONT'D
1100 PLACARDS AND N	MARKINGS 2200	AUTO FLIGHT SYSTEM	2424	AC REGULATOR
	2210		2425	AC INDICATING SYSTEM
12 SERVICING	2211	AUTOPILOT COMPUTER	2430	DC GENERATING SYSTEM
<u> 12 021(11011(0</u>	2212	ALTITUDE CONTROLLER	2431	BATTERY OVERHEAT WARN. SYSTEM
1010 51151 0551/101110	2213	FLIGHT CONTROLLER	2432	BATTERY/CHARGER SYSTEM
1210 FUEL SERVICING	2214	AUTOPILOT TRIM INDICATOR	2433	DC RECTIFIER-CONVERTER
1220 OIL SERVICING	2215	AUTOPILOT MAIN SERVO	2434	DC GENERATOR-ALTERNATOR
1230 HYDRAULIC FLUID	2216	AUTOPILOT TRIM SERVO	2435	STARTER-GENERATOR
1240 COOLANT SERVIC	ING 2220	SPEED-ATTITUDE CORRECT. SYSTEM	2436	DC REGULATOR
40 HELICOPTED VIDE	2230	AUTO THROTTLE SYSTEM	2437	DC INDICATING SYSTEM
18 HELICOPTER VIBE	2250	A ERODYNAMIC LOAD ALLEVIATING	2440	EXTERNAL POWER SYSTEM
1800 HELICOPTER VIB/I	NOISE ANALYSIS		2450	AC POWER DISTRIBUTION SYSTEM
1810 HELICOPTER VIBR	ATION ANALYSIS 23	COMMUNICATIONS	2460	DC POWER/DISTRIBUTION SYSTEM
1820 HELICOPTER NOIS	E ANALYSIS			
24 AIR CONDITIONIA	2300		<u> 25 E</u>	QUIPM ENT/FURNISHINGS
21 AIR CONDITIONIN			0500	CARIN FOURMENT/FURNIOUMO
2100 AIR CONDITIONIN	G SYSTEM 2311	UHF COMMUNICATION SYSTEM	2500	CABIN EQUIPMENT/FURNISHINGS
2110 CABIN COMPRESS	2312	VHF COMMUNICATION SYSTEM	2510	FLIGHT COMPARTMENT EQUIPMENT
2120 AIR DISTRIBUTION	2220	DATA TRANSMISSION AUTO CALL	2520	PASSENGER COMPARTMENT EQUIPMENT
2121 AIR DISTRIBUTION	2330	ENTERTAINMENT SYSTEM	2530	BUFFET/GALLEYS
	CONTROL SYSTEM 2340	INTERPHONE & PA SYSTEM	2540	LAVATORIES
2131 CABIN PRESSURE	2250	AUDIO INTEGRATING SYSTEM	2550	CARGO COMPARTMENTS
2132 CABIN PRESSURE	2260	STATIC DISCHARGE SYSTEM	2551	AGRICULTURAL SPRAY SYSTEM
	/OUTFLOW VALVE 2370	AUDIO/VIDEO MONITORING	2560	EMERGENCY EQUIPMENT
2134 CABIN PRESSURE		ELECTRICAL POWER	2561	LIFE JACKET
2140 HEATING SYSTEM	- · · ·	<u> LEEGTRIOAL I GW ER</u>	2562	EMERGENCY LOCATOR BEACON
2150 CABIN COOLING S		ELECTRICAL POWER SYSTEM	2563	PARACHUTE
	URE CONTROL SYSTEM 2410	ALTERNATOR-GENERATOR DRIVE	2564	LIFE RAFT
	URE CONTROLLER 2420		2565	ESCAPE SLIDE
2162 CABIN TEMPERAT			2570	ACCESSORY COMPARTMENT
2163 CABIN TEMPERAT	****		2571	BATTERY BOX STRUCTURE
	0112 02110011		2572	ELECTRONIC SHELF SECTION

2423 PHASE ADAPTER

26 FIRE PROTECTION	29 F	HYDRAULIC POWER	<u>32 L</u>	ANDING GEAR
2600 FIRE PROTECTION SYSTEM	2900	HYDRAULIC POWER SYSTEM	3200	LANDING GEAR SYSTEM
2610 DETECTION SYSTEM	2910	HYDRAULIC, MAIN SYSTEM	3201	LANDING GEAR/WHEEL FAIRING
2611 SMOKE DETECTION	2911	HYDRAULIC POWER-ACCUMULATOR-MAIN	3210	MAIN LANDING GEAR
2612 FIRE DETECTION	2912	HYDRAULIC FILTER-MAIN SYSTEM	3211	MAIN LANDING GEAR ATTACH SECTION
2613 OVERHEAT DETECTION	2913	HYDRAULIC PUMP. ELECT-ENGMAIN	3212	EMERGENCY FLOTATION SECTION
2620 EXTINGUISHING SYSTEM	2914	HYDRAULIC HANDPUMP-MAIN	3213	MAIN LANDING GEAR STRUT/AXLE/TRUCK
2621 FIRE BOTTLE, FIXED	2915	HYDRAULIC PRESSURE RELIEF VLV-MAIN	3220	NOSE/TAIL LANDING GEAR
2622 FIRE BOTTLE, PORTABLE	2916	HYDRAULIC RESERVOIR-MAIN	3221	NOSE/TAIL LANDING GEAR ATTACH SECTION
AZ FILOUT CONTROLO	2917	HYDRAULIC PRESSURE REGULATOR-MAIN	3222	NOSE/TAIL LANDING GEAR STRUT/AXLE
27 FLIGHT CONTROLS	2920	HYDRAULIC, AUXILIARY SYSTEM	3230	LANDING GEAR RETRACT/EXT. SYSTEM
2700 FLIGHT CONTROL SYSTEM	2921	HYDRAULIC ACCUMULATOR-AUXILIARY	3231	LANDING GEAR DOOR RETRACT SECTION
2701 CONTROL COLUMN SECTION	2922	HYDRAULIC FILTER-AUXILIARY	3232	LANDING GEAR DOOR ACTUATOR
2710 AILERON CONTROL SYSTEM	2923	HYDRAULIC PUMP-AUXILIARY	3233	LANDING GEAR ACTUATOR
2711 AILERON TAB CONTROL SYSTEM	2925	HYDRAULIC PRESSURE RELIEF-AUXILIARY	3234	LANDING GEAR SELECTOR
2720 RUDDER CONTROL SYSTEM	2926	HYDRAULIC RESERVOIR-AUXILIARY	3240	LANDING GEAR BRAKE SYSTEM
2721 RUDDER TAB CONTROL SYSTEM	2927	HYDRAULIC PRESSURE REGULATOR-AUX.	3241	BRAKE ANTI-SKID SECTION
2722 RUDDER ACTUATOR	2930	HYDRAULIC SYSTEM INDICATING	3242	BRAKE
2730 ELEVATOR CONTROL SYSTEM	2931	HYDRAULIC PRESSURE INDICATOR	3243	MASTER CYL/BRAKE VALVE
2731 ELEVATOR TAB CONTROL SYSTEM	2932	HYDRAULIC PRESSURE SENSOR	3244	TIRE
2740 STABILIZER CONTROL SYSTEM	2933	HYDRAULIC QUANTITY INDICATOR	3245	TIRE TUBE
2741 STABILIZER POSITION INDICATING	2934	HYDRAULIC QUANTITY SENSOR	3246	WHEEL/SKI/FLOAT
2742 STABILIZER ACTUATOR	30 I	CE AND RAIN PROTECTION	3250	LANDING GEAR STEERING SYSTEM
2750 TE FLAP CONTROL SYSTEM			3251	STEERING UNIT
2751 TE FLAP POSITION IND. SYSTEM	3000	ICE/RAIN PROTECTION SYSTEM	3252	SHIMMY DAMPER
2752 TE FLAP ACTUATOR	3010	AIRFOIL ANTI/DE-ICE SYSTEM	3260	LANDING GEAR POSITION & WARNING
2760 DRAG CONTROL SYSTEM	3020	AIR INTAKE ANTI/DE-ICE SYSTEM	3270	AUXILIARY GEAR (TAIL SKID)
2761 DRAG CONTROL ACTUATOR	3030	PITOT/STATIC ANTI-ICE SYSTEM	33 I	<u>IGHTS</u>
2770 GUST LOCK/DAMPER SYSTEM	3040	WINDSHIELD/DOOR RAIN/ICE REMOVAL		
2780 LE FLAP CONTROL SYSTEM	3050	ANTENNA/RADOME ANTI-ICE/DE-ICE SYSTEM	3300	LIGHTING SYSTEM
2781 LE FLAP POSITION IND. SYSTEM	3060	PROP/ROTOR ANTI-ICE/DE-ICE SYSTEM	3310	FLIGHT COMPARTMENT LIGHTING
2782 LE FLAP ACTUATOR	3070	WATER LINE ANTI-ICE SYSTEM	3320	PASSENGER COMPARTMENT LIGHTING
28 FUEL	3080	ICE DETECTION	3330	CARGO COMPARTMENT LIGHTING
2800 AIRCRAFT FUEL SYSTEM	<u>31 I</u>	<u>NSTRUMENTS</u>	3340 3350	EXTERIOR LIGHTING EMERGENCY LIGHTING
2810 FUEL STORAGE	3100	INDICATING/RECORDING SYSTEM		
2820 ACFT FUEL DISTRIB. SYSTEM	3110	INSTRUMENT PANEL	<u>34 N</u>	AVIGATION
2821 ACFT FUEL FILTER/STRAINER	3120	INDEPENDENT INSTRUMENTS (CLOCK, ETC.)	3400	NAVIGATION SYSTEM
2822 FUEL BOOST PUMP	3130	DATA RECORDERS (FLT/MAINT)	3410	FLIGHT ENVIRONMENT DATA
2823 FUEL SELECTOR/SHUTOFF VALVE	3140	CENTRAL COMPUTERS (EICAS)	3411	PITOT/STATIC SYSTEM
2824 FUEL TRANSFER VALVE	3150	CENTRAL WARNING	3412	OUTSIDE AIR TEMP. IND./SENSOR
2830 FUEL DUMP SYSTEM	3160	CENTRAL DISPLAY	3413	RATE OF CLIMB INDICATOR
2840 ACFT FUEL INDICATING	3170	AUTOMATIC DATA	3414	AIRSPEED/MACH INDICATING
2841 FUEL QUANTITY INDICATOR			3415	HIGH SPEED WARNING
2842 FUEL QUANTITY SENSOR			3416	ALTIMETER, BAROMETRIC/ENCODER
2843 FUEL TEMPERATURE INDICATING				

2844 FUEL PRESSURE INDICATOR

34 NAVIGATION CONT'D	37 VACUUM	5247 APU DOORS
3417 AIR DATA COMPUTER	3700 VACUUM SYSTEM	5248 TAIL CONE DOORS
3418 STALL WARNING SYSTEM	3710 VACUUM DISTRIBUTION SYSTEM	5250 FIXED INNER DOORS
3420 ATTITUDE AND DIRECTION DAT	A SYSTEM 3720 VACUUM INDICATING SYSTEM	5260 ENTRANCE STAIRS
3421 ATTITUDE GYRO & IND. SYSTEM	1	5270 DOOR WARNING SYSTEM
3422 DIRECTIONAL GYRO & IND. SYS	38 WAIER/WASIE	5280 LANDING GEAR DOORS
3423 MAGNETIC COMPASS	3800 WATER & WASTE SYSTEM	53 FUSELAGE
3424 TURN & BANK/RATE OF TURN II	NDICATOR 3810 POTABLE WATER SYSTEM	5300 FUSELAGE STRUCTURE (GENERAL)
3425 INTEGRATED FLT. DIRECTOR SY	STEM 3820 WASH WATER SYSTEM	5301 AERIAL TOW EQUIPMENT
3430 LANDING & TAXI AIDS	3830 WASTE DISPOSAL SYSTEM	5302 ROTORCRAFT TAIL BOOM
3431 LOCALIZER/VOR SYSTEM	3840 AIR SUPPLY (WATER PRESS. SYSTEM	M) 5310 FUSELAGE MAIN STRUCTURE
3432 GLIDE SLOPE SYSTEM 3433 MICROWAVE LANDING SYSTEM	45 CENTRAL MAINT. SYSTEM	5311 FUSELAGE MAIN FRAME 5312 FUSELAGE MAIN BULKHEAD
3434 MARKER BEACON SYSTEM	4500 CENTRAL MAINT. COMPUTER	5312 FUSELAGE MAIN BULKHEAD 5313 FUSELAGE MAIN LONGERON/STRINGER
3435 HEADS UP DISPLAY SYSTEM	Joseph General Marketti Goldin Gren	5314 FUSELAGE MAIN KEEL
3436 WIND SHEAR DETECTION SYSTI	49 AIRBORNE AUXILIARY POWER	5314 FUSELAGE MAIN REEL 5315 FUSELAGE MAIN FLOOR BEAM
3440 INDEPENDENT POS. DETERMINI	NO CYCTEM	5320 FUSELAGE MISCELLANEOUS STRUCTURE
3441 INERTIAL GUIDANCE SYSTEM	4900 AINBONNE AFO STSTEM	5321 FUSELAGE FLOOR PANEL
3442 WEATHER RADAR SYSTEM	4910 A PU COW LING/CONTAINMENT	5322 FUSELAGE INTERNAL MOUNT STRUCTURE
3443 DOPPLER SYSTEM	4920 APU CORE ENGINE	5323 FUSELAGE INTERNAL STAIRS
3444 GROUND PROXIMITY SYSTEM	4930 A PU ENGINE FUEL & CONTROL	5324 FUSELAGE FIXED PARTITIONS
3445 AIR COLLISION AVOIDANCE SY	4940 A PU START/IGNITION SYSTEM STEM (TCAS) 4950 A PU BLEED AIR SYSTEM	5330 FUSELAGE MAIN PLATE/SKIN
3446 NON RADAR WEATHER SYSTEM	4930 AFO BEEED AIR STOTEM	5340 FUSELAGE MAIN ATTACH FITTINGS
3450 DEPENDENT POSITION DETERM	NINC SYSTEM 4900 AFO CONTROLS	5341 WING ATTACH FITTINGS (ON FUSELAGE)
3451 DME/TACAN SYSTEM	4970 APO INDICATING SYSTEM	5342 STABILIZER ATTACH FITTINGS
3452 ATC TRANSPONDER SYSTEM		5343 LANDING GEAR ATTACH FITTINGS
3453 LORAN SYSTEM	4990 APU OIL SYSTEM	5344 FUSELAGE DOOR HINGES
3454 VOR SYSTEM	51 STANDARD PRACTICES/STRUCT	
3455 ADF SYSTEM		5346 DOWEDDIANT ATTACH FITTINGS
3456 OMEGA NAVIGATION SYSTEM	5100 STANDARD PRACTICES/STRUCTURE	5347 SEAT/CARGO ATTACH FITTINGS
3457 GLOBAL POSITIONING SYSTEM	5101 AIRCRAFT STRUCTURES	5350 FUSELAGE AERODYNAMIC FAIRINGS
3460 FLIGHT MANAGE. COMPUTING	SYSTEM 5102 BALLOON REPORTS	54 NACELLES/PYLONS
25 OVVCEN	52 DOORS	
35 OXYGEN	<u>52 DOORS</u>	5400 NACELLE/PYLON STRUCTURE
3500 OXYGEN SYSTEM	5200 DOORS	5410 MAIN FRAME (ON NACELLE/PYLON)
3510 CREW OXYGEN SYSTEM	5210 PASSENGER/CREW DOORS	5411 FRAME/SPAR/RIB(NACELLE/PYLON)
3520 PASSENGER OXYGEN SYSTEM	5220 EMERGENCY EXIT	5412 BULKHEAD/FIREWALL (NAC/PYLON)
3530 PORTABLE OXYGEN SYSTEM	5230 CARGO/BAGGAGE DOORS	5413 LONGERON/STRINGER (NAC/PYLON)
36 PNEUMATIC	5240 SERVICE DOORS	5414 PLATE SKIN (NAC/PYLONS)
	5241 GALLEY DOORS	5415 ATTACH FITTINGS (NAC/PYLON)
3600 PNEUMATIC SYSTEM	5242 F/E COMPARTMENT DOORS	<u>55 STABILIZERS</u>
3610 PNEUMATIC DISTRIBUTION SYS	TEM 5243 HYDRAULIC COMPARTMENT DOORS	5500 EMPENNAGE STRUCTURE
3620 PNEUMATIC INDICATING SYSTE	M 5244 ACCESSORY COMPARTMENT DOORS	
	5245 AIR CONDITIONING COMPART. DOOR	RS 5511 HORIZONTAL STABILIZER SPAR/RIB
	5246 FLUID SERVICE DOORS	5512 HORIZONTAL STABILIZER PLATE/SKIN
		5513 HORIZONTAL STABILIZER TAB STRUCTURE
		5520 ELEVATOR STRUCTURE

55 STABILIZERS CONT'D	61 PROPELLERS/PROPULSORS	67 ROTORS FLIGHT CONTROL
5521 ELEVATOR SPAR/RIB STRUCTURE	6100 PROPELLER SYSTEM	6700 ROTORCRAFT FLIGHT CONTROL
5522 ELEVATOR PLATES/SKIN STRUCTURE	6110 PROPELLER ASSEMBLY	6710 MAIN ROTOR CONTROL
5523 ELEVATOR TAB STRUCTURE	6111 PROPELLER BLADE SECTION	6711 TILT ROTOR FLIGHT CONTROL
5530 VERTICAL STABILIZER STRUCTURE	6112 PROPELLER DE-ICE BOOT SECTION	6720 TAIL ROTOR CONTROL SYSTEM
5531 VERTICAL STABILIZER SPAR/RIB STRUCTURE	6113 PROPELLER SPINNER SECTION	6730 ROTORCRAFT SERVO SYSTEM
5532 VERTICAL STABILIZER PLATES/SKIN	6114 PROPELLER HUB SECTION	
5533 VENTRAL STRUCTURE (ON VERT. STAB)	6120 PROPELLER CONTROL SYSTEM	71 POWERPLANT
5540 RUDDER STRUCTURE	6121 PROPELLER SYNCHRONIZER SECTION	7100 POWERPLANT SYSTEM
5541 RUDDER SPAR/RIB STRUCTURE	6122 PROPELLER GOVERNOR	7110 ENGINE COWLING SYSTEM
5542 RUDDER PLATE/SKIN STRUCTURE	6123 PROPELLER FEATHERING/REVERSING	7111 COWL FLAP SYSTEM
5543 RUDDER TAB STRUCTURE	6130 PROPELLER BRAKING	7112 ENGINE AIR BAFFLE SECTION
5550 EMPENNAGE FLT. CONT. ATTACH FITTING	6140 PROPELLER INDICATING SYSTEM	7120 ENGINE MOUNT SECTION
5551 HORIZONTAL STABILIZER ATTACH FITTING		7130 ENGINE FIRESEALS
5552 ELEVATOR/TAB ATTACH FITTINGS	62 MAIN ROTOR	7160 ENGINE AIR INTAKE SYSTEM
5553 VERT. STAB. ATTACH FITTINGS	6200 MAIN ROTOR SYSTEM	7170 ENGINE DRAINS
5554 RUDDER/TAB ATTACH FITTINGS	6210 MAIN ROTOR BLADES	
	6220 MAIN ROTOR HEAD	72 TURBINE/TURBOPROP ENGINE
56 WINDOWS	6230 MAIN ROTOR MAST/SWASHPLATE	7200 ENGINE (TURBINE/TURBOPROP)
5600 WINDOW/WINDSHIELD SYSTEM	6240 MAIN ROTOR INDICATING SYSTEM	7210 TURBINE ENGINE REDUCTION GEAR
5610 FLIGHT COMPARTMENT WINDOWS		7220 TURBINE ENGINE AIR INLET SECTION
5620 PASSENGER COMPARTMENT WINDOWS	63 MAIN ROTOR DRIVE	7230 TURBINE ENGINE COMPRESSOR SECTION
5630 DOOR WINDOWS	6300 MAIN ROTOR DRIVE SYSTEM	7240 TURBINE ENGINE COMBUSTION SECTION
5640 INSPECTION WINDOWS	6310 ENGINE/TRANSMISSION COUPLING	7250 TURBINE SECTION
3040 MOI EOTION WINDOWS	6320 MAIN ROTOR GEARBOX	7260 TURBINE ENGINE ACCESSORY DRIVE
57 WINGS	6321 MAIN ROTOR BRAKE	7261 TURBINE ENGINE OIL SYSTEM
5700 WING STRUCTURE	6322 ROTORCRAFT COOLING FAN SYSTEM	7270 TURBINE ENGINE BYPASS SECTION
5710 WING MAIN FRAME STRUCTURE	6330 MAIN ROTOR TRANSMISSION MOUNT	
5711 WING SPAR STRUCTURE	6340 ROTOR DRIVE INDICATING SYSTEM	73 ENGINE FUEL & CONTROL
5712 WING STAR STRUCTURE		7300 ENGINE FUEL & CONTROL
5713 WING KID STRUCTURE 5713 WING LONGERON/STRINGER	64 TAIL ROTOR	7310 ENGINE FUEL DISTRIBUTION
5714 WING CENTER BOX	6400 TAIL ROTOR SYSTEM	7311 ENGINE FUEL-OIL COOLER
5720 WING MISCELLANEOUS STRUCTURE	6410 TAIL ROTOR BLADE	7312 FUEL HEATER
5730 WING PLATES/SKINS	6420 TAIL ROTOR HEAD	7313 FUEL INJECTOR NOZZLE
5740 WING ATTACH FITTINGS	6440 TAIL ROTOR INDICATING SYSTEM	7314 ENGINE FUEL PUMP
5741 WING, FUSELAGE ATTACH FITTINGS		7320 FUEL CONTROLLING SYSTEM
5742 WING, NAC/PYLON ATTACH FITTINGS	65 TAIL ROTOR DRIVE	7321 FUEL CONTROL/ELECTRONIC
5743 WING, LANDING GEAR ATTACH FITTINGS		7322 FUEL CONTROL/CARBURETOR
5744 CONTROL SURFACE ATTACH FITTINGS	6500 TAIL ROTOR DRIVE SYSTEM	7323 TURBINE GOVERNOR
5750 WING CONTROL SURFACE STRUCTURE	6510 TAIL ROTOR DRIVE SHAFT	7324 FUEL DIVIDER
5751 AILERON STRUCTURE	6520 TAIL ROTOR GEARBOX	7330 ENGINE FUEL INDICATING SYSTEM
5751 AILERON STRUCTURE	6540 TAIL ROTOR DRIVE INDICATING SYSTEM	7331 FUEL FLOW INDICATING
5753 TE FLAP STRUCTURE		7332 FUEL PRESSURE INDICATING
5754 LEADING EDGE DEVICE STRUCTURE		7333 FUEL FLOW SENSOR
5755 SPOILER STRUCTURE		7333 FUEL PRESSURE SENSOR
3733 SPUILER STRUCTURE		1007 I DEL I NEODONE DENDON

74	<u>IGNITION</u>	<u>78 E</u>	ENGINE EXHAUST	8530	RECIPROCATING ENGINE CYLINDER SECTION
7400	IGNITION SYSTEM	7800	ENGINE EXHAUST SYSTEM	8540	RECIPROCATING ENGINE REAR SECTION
7410	IGNITION POWER SUPPLY	7810	ENGINE COLLECTOR/TAILPIPE/NOZZLE	8550	RECIPROCATING ENGINE OIL SYSTEM
7411	LOW TENSION COIL	7820	ENGINE NOISE SUPPRESSOR		
7412	EXCITER	7830	THRUST REVERSER		
7413	INDUCTION VIBRATOR				
7414	MAGNETO/DISTRIBUTOR	79 I	ENGINE OIL		
7420	IGNITION HARNESS (DISTRIBUTION)	<u> </u>			
7421	SPARK PLUG/IGNITER	7900	ENGINE OIL SYSTEM (AIRFRAME)		
7430	IGNITION SWITCHING	7910	ENGINE OIL STORAGE (AIRFRAME)		
		7920	ENGINE OIL DISTRIBUTION (AIRFRAME)		
<u>75</u>	<u>AIR</u>	7921	ENGINE OIL COOLER		
7500	ENGINE BLEED AIR SYSTEM	7922	ENGINE OIL TEMP. REGULATOR		
7510	ENGINE ANTI-ICING SYSTEM	7923	OIL SHUTOFF VALVE		
7520	ENGINE COOLING SYSTEM	7930	ENGINE OIL INDICATING SYSTEM		
	COM PRESSOR BLEED CONTROL	7931	ENGINE OIL PRESSURE		
7530	COMPRESSOR BLEED CONTROL  COMPRESSOR BLEED GOVERNOR	7932	ENGINE OIL QUANTITY		
7531	COMPRESSOR BLEED GOVERNOR  COMPRESSOR BLEED VALVE	7933	ENGINE OIL TEMPERATURE		
7532					
7540	BLEED AIR INDICATING SYSTEM	80 9	<u>STARTING</u>		
<u>76</u>	ENGINE CONTROLS	8000	ENGINE STARTING SYSTEM		
7600	ENGINE CONTROLS	8010	ENGINE CRANKING		
7600	ENGINE CONTROLS  ENGINE SYNCHRONIZING	8011	ENGINE STARTER		
7601		8012	ENGINE START VALVES/CONTROLS		
7602	MIXTURE CONTROL	0012	ENGINE OTAKT VALVEO/OONTROLO		
7603	POWER LEVER	81	TURBOCHARGING		
7620	ENGINE EMERGENCY SHUTDOWN SYSTEM		<u> </u>		
77	ENGINE INDICATING	8100	EXHAUST TURBINE SYSTEM (RECIP)		
		8110	POWER RECOVERY TURBINE (RECIP)		
7700	ENGINE INDICATING SYSTEM	8120	EXHAUST TURBOCHARGER		
7710	POWER INDICATING SYSTEM				
7711	ENGINE PRESSURE RATIO (EPR)	<u>82</u>	WATER INJECTION		
7712	ENGINE BM EP/TORQUE INDICATING	8200	WATER INJECTION SYSTEM		
7713	MANIFOLD PRESSURE (MP) INDICATING				
7714	ENGINE RPM INDICATING SYSTEM	83	ACCESSORY GEARBOXES		
7720	ENGINE TEMP. INDICATING SYSTEM	8300	ACCESSORY GEARBOXES		
7721	CYLINDER HEAD TEMP (CHT) INDICATING	0000	NOOLOGOKT GEMIDONEG		
7722	ENG. EGT/TIT INDICATING SYSTEM	8.5	RECIPROCATING ENGINE		
7730	ENGINE IGNITION ANALYZER SYSTEM				
7731	ENGINE IGNITION ANALYZER	8500	ENGINE (RECIPROCATING)		
7732	ENGINE VIBRATION ANALYZER	8510	RECIPROCATING ENGINE FRONT SECTIO		
7740	ENGINE INTEGRATED INSTRUMENT SYSTEM	8520	RECIPROCATING ENGINE POWER SECTION	N	

### **MECHANICS CREED**

UPON MY HONOR I swear that I shall hold in sacred trust the rights and privileges conferred upon me as a certified mechanic. Knowing full well that the safety and lives of others are dependent upon my skill and judgment, I shall never knowingly subject others to risks which I would not be willing to assume for myself, or for those dear to me.

IN DISCHARGING this trust, I pledge myself never to undertake work or approve work which I feel to be beyond the limits of my knowledge; nor shall I allow any non-certificated superior to persuade me to approve aircraft or equipment as airworthy against my better judgment; nor shall I permit my judgment to be influenced by money or other personal gain; nor shall I pass as airworthy aircraft or equipment about which I am in doubt, either as a result of direct inspection or uncertainty regarding the ability of others who have worked on it to accomplish their work satisfactorily.

I REALIZE the grave responsibility which is mine as a certified airman, to exercise my judgment on the airworthiness of aircraft and equipment. I, therefore, pledge unyielding adherence to these precepts for the advancement of aviation and for the dignity of my vocation.